WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

SOUTHEAST ALASKA

15049900 GOLD CREEK NEAR JUNEAU

Date	Time	Medium code	Sample type	Stream width, feet (00004)	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Color, water, fltrd, Pt-Co units (00080)	Turbidity, wat unf lab, Hach 2100AN NTU (99872)
OCT													
31...	1355	9	9	37.5	65	10	3044	141	7.9	1.0	3.5	8	<1
DEC													
17...	1150	9	9	38.0	64	10	3044	141	8.0	3.0	3.5	2	<1
JAN													
15...	1145	9	9	36.0	30	10	3044	147	8.0	2.5	3.0	2	1
FEB													
26...	1225	9	9	18.5	13	10	3044	169	7.4	3.5	3.0	5	<1
MAR													
31...	1215	9	9	33.5	21	10	3044	134	8.0	-.5	2.0	2	<1
APR													
23...	1200	9	9	19.5	24	10	3044	115	7.9	7.0	4.5	2	<1
MAY													
23...	1400	9	9	47.0	154	10	3044	72	7.6	--	4.5	2	2
JUL													
09...	1245	9	9	42.5	89	10	3044	94	7.7	14.5	10.5	2	<1
AUG													
29...	1300	9	9	20.0	49	10	3044	119	7.9	11.0	9.0	<1	<1
SEP													
29...	1015	9	7	48.0	136	10	3044	120	7.8	6.0	7.5	5	<1

Date	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Bromide water, fltrd, mg/L (71870)
OCT													
31...	757	13.7	104	65	18	4.8	.8	38	26	30.9	.47	<.17	<.016
DEC													
17...	743	12.4	96	63	17	4.8	1.0	39	32	29.2	.44	<.17	<.016
JAN													
15...	752	13.2	99	69	19	5.2	1.2	40	33	33.0	.32	<.17	<.016
FEB													
26...	751	11.5	87	84	22	7.0	1.5	40	33	45.2	.32	<.17	<.016
MAR													
31...	723	13.6	104	64	18	4.7	1.1	40	32	31.5	.40	.027	<.016
APR													
23...	742	12.7	101	56	16	3.8	1.1	28	23	24.0	.30	<.17	<.016
MAY													
23...	758	12.2	95	32	9.7	1.8	.5	21	17	14	.48	.06	<.01
JUL													
09...	755	10.4	94	42	12.2	2.81	.76	26	21	18.9	.31	.08	<.01
AUG													
29...	759	11.2	97	52	14.9	3.44	.79	33	27	25.4	.67	<.17	<.016
SEP													
29...	761	11.6	97	56	15.8	3.84	.81	37	30	24.5	.35	<.17	<.016

Date	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Orthophosphate, water, fltrd, mg/L as P (00671)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)
OCT													
31...	2.6	80	<.008	.293	<.04	<.02	E1.1	33	<.5	<8	<.8	<8	<6
DEC													
17...	2.8	81	<.008	.393	<.04	<.02	<1.9	36	<.5	<8	<.8	<8	<6
JAN													
15...	2.7	90	<.008	.467	<.04	<.02	E1.0	36	<.5	<8	<.8	<8	<6
FEB													
26...	2.9	108	<.008	.439	<.04	<.02	<1.9	39	<.5	<8	<.8	<8	<6
MAR													
31...	2.6	76	<.008	.497	<.04	<.02	<1.9	36	<.5	<8	<.8	<8	<6
APR													
23...	2.7	68	<.008	.542	<.04	<.02	<1.9	34	<.5	<8	<.8	<8	<6
MAY													
23...	1.7	35	<.008	.152	<.04	<.02	<1.9	27	<.5	<8	<.8	<8	<6
JUL													
09...	1.95	51	<.008	.154	<.04	<.02	E.9	28.5	<.4	<2	<.8	<3	<7
AUG													
29...	2.36	70	<.008	.211	<.04	<.02	<2	35.1	<.4	<2	<.8	<3	<7
SEP													
29...	2.36	67	<.008	.299	<.04	<.02	<2	33.4	<.4	<2	<.8	<3	<7

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

SOUTHEAST ALASKA—Continued

15049900 GOLD CREEK NEAR JUNEAU—Continued

Date	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	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)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront-ium, water, fltrd, ug/L (01080)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)
OCT												
31...	<10	<.08	<4	<2	<.018	<30	<30	<2.6	<9	94	<8	<24
DEC												
17...	<10	.16	<4	<2	<.018	<30	<30	<2.6	<9	98	<8	<24
JAN												
15...	<10	.09	<4	<2	<.018	<30	<30	<2.6	<9	110	<8	<24
FEB												
26...	<10	<.08	<4	<2	<.018	<30	<30	<2.6	<9	130	<8	<24
MAR												
31...	<10	<.08	<4	<2	<.018	<30	<30	<2.6	<9	97	<8	<24
APR												
23...	<10	E.04	<4	<2	<.018	<30	<30	<2.6	<9	77	<8	<24
MAY												
23...	<10	<.08	<4	<2	<.018	<30	<30	<2.6	<9	47	<8	<24
JUL												
09...	<8	<.08	<3	.5	<.018	<4	<7	<3	<5	62.1	<6	5.6
AUG												
29...	<8	<.08	<3	<.4	<.018	<4	<7	E1.5	<5	86.6	<6	5.3
SEP												
29...	<8	<.08	<3	.4	<.018	E2	<7	<3	<5	86.3	<6	5.6

15052900 MENDENHALL RIVER AT BROTHERHOOD BROOK AT AUKE BAY

Date	Time	Medium code	Sample type	Stream width, feet (00004)	Gage height, feet (00065)	Instan-taneous dis-charge, cfs (00061)	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)
DEC													
03...	0930	9	9	192	9.84	2120	10	3044	51	7.5	.5	1.5	124
MAR													
05...	0940	9	9	102	--	112	10	3044	652	7.0	--	.5	29
JUN													
04...	1115	9	9	198	7.25	1500	10	3054	55	7.5	5.0	5.0	65
AUG													
06...	1420	9	9	205	10.09	2320	10	3054	21	6.9	17.5	4.0	E43
SEP													
03...	1330	9	9	219	12.80	6450	10	3054	20	7.8	11.5	3.0	157

Date	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	Calcium water unfltrd recover-able, mg/L (00916)	Magnes-ium, water, unfltrd recover-able, mg/L (00927)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Cadmium water, unfltrd ug/L (01027)	Copper, water, unfltrd recover-able, ug/L (01042)	Iron, water, unfltrd recover-able, ug/L (01045)	Lead, water, unfltrd recover-able, ug/L (01051)	Mangan-ese, water, unfltrd recover-able, ug/L (01055)
DEC													
03...	763	14.0	100	6.8	3.2	15	12	<.1	<.22	5	6940	1	104
MAR													
05...	734	11.3	82	<.03	<.01	34	28	.2	<.22	2	<16	E.7	62.5
JUN													
04...	762	12.2	95	6.5	2.2	14	11	<.1	<.22	4	3900	1	63.0
AUG													
06...	762	12.4	95	2.81	1.43	4	3	<.1	<.22	8	2750	E.9	46.1
SEP													
03...	756	13.2	99	4.87	3.65	10	8	E.06	<.22	6	8220	1	133

Date	Selen-ium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover-able, ug/L (01077)	Zinc, water, unfltrd recover-able, ug/L (01092)
DEC			
03...	<2.6	<.26	34.1
MAR			
05...	<2.6	<.26	<25
JUN			
04...	<2.6	<.26	15.8
AUG			
06...	<3	<.26	14.0
SEP			
03...	<3	<.26	28.8

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

SOUTHEAST ALASKA—Continued

15053230 DUCK CREEK AT BERNERS AVENUE NEAR AUKE BAY

Date	Time	Medium code	Sample type	Stream width, feet (00004)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Suspended sediment concentration mg/L (80154)	Suspended sediment load, tons/d (80155)
NOV								
27...	1305	9	9	9.30	14.49	14	11	.42

SOUTH-CENTRAL ALASKA

15274796 SB OF SF CHESTER CREEK AT TANK TRAIL NEAR ANCHORAGE

Date	Time	Medium code	Sample type	Stream width, feet (00004)	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)
OCT													
11...	1410	9	9	9.00	12	10	8010	99	7.4	4.0	3.5	746	13.8
JUN													
12...	1000	O	9	10.4	4.6	--	--	128	7.4	--	8.5	746	--
JUL													
22...	1310	9	7	7.50	3.1	10	3045	136	7.7	15.5	8.5	757	11.1
SEP													
04...	1200	O	9	--	--	--	--	--	--	--	--	--	--
04...	1350	9	9	6.50	2.4	10	3045	136	7.7	12.0	8.0	754	11.3

Date	Dissolved oxygen, percent of saturation (00301)	Fecal coliform, M-FC 0.7u MF col/100 mL (31625)	E coli, m-TEC MF, water, col/100 mL (31633)	Enterococci, m-E MF, water, col/100 mL (31649)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, field, mg/L as CaCO3 (00410)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)
OCT													
11...	106	E17	E14	E6	46	14.2	2.62	1.55	17	.44	20	.0	17
JUN													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	95	36	--	32	66	20.5	3.65	1.81	49	.37	59	.0	48
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
04...	96	30	21	A17	63	19.5	3.57	1.76	51	.46	60	.0	49

Date	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)
OCT													
11...	12.8	.89	<.17	10.3	76	55	E.002	.503	<.015	.21	.11	.014	E.003
JUN													
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
22...	13.3	.38	<.2	11.4	92	82	<.002	.380	<.015	.18	E.06	.019	.006
SEP													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
04...	14.3	.47	<.2	11.0	94	82	<.002	.365	<.015	.18	.13	.013	.005

Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Organic carbon, water, fltrd, mg/L (00681)
OCT				
11...	<.007	13	<2.0	3.0
JUN				
12...	--	--	--	--
JUL				
22...	E.005	E7	.7	1.9
SEP				
04...	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

SOUTH-CENTRAL ALASKA—Continued

15294350 SUSITNA RIVER AT SUSITNA STATION

Date	Time	Stream width, feet (00004)	Location in X-sect. looking dwnstrm ft from l bank (00009)	Gage height, feet (00065)	Startng time, 24 hour clock, hr:min (82073)	Ending time, 24 hour clock, hr:min (82074)	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Suspended sediment concentration mg/L (80154)	Suspended sediment load, tons/d (80155)
JUN													
17...	1625	1590	--	16.30	1625.00	1655.00	131000	20	3055	11.0	21.0	891	315000
17...	1722	1590	40.0	16.30	1722.00	1902.00	131000	1000	1110	11.0	21.0	--	--
JUL													
10...	1528	1560	--	17.39	1528.00	1600.00	159000	20	3055	12.0	14.5	1250	535000
10...	1615	1560	40.0	17.39	1615.00	1748.00	159000	1000	1110	12.0	14.5	--	--
18...	1609	1600	--	19.54	1609.00	1631.00	234000	20	3055	9.0	16.0	2100	1330000
AUG													
15...	1510	1570	--	18.61	1510.00	1527.00	215000	20	3055	8.5	--	2060	1200000
15...	1532	1570	80.0	18.61	1532.00	1611.00	215000	1000	1110	8.5	--	--	--
SEP													
22...	1521	1420	--	8.53	1521.00	1538.00	33200	20	3055	4.0	10.0	219	19600
22...	1602	1420	66.0	8.53	1602.00	1723.00	33200	1000	1110	4.0	10.0	--	--

Date	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Bedload sediment discharge, tons/d (80225)	Bedload sedimnt dschrge average unit cmposit t/d/ft (04122)	Compstd samples in x-sec bedload measmnt number (04118)	Number of sampling points, count (00063)	Verticals in composite sample, number (04119)	Horizontal width of vertical, feet (04121)	Rest time on bed for bed load sample, seconds (04120)	Bag mesh size, bedload sampler mm (30333)	Bedload sediment, sieve diametr percent <.063mm (80226)	Bedload sediment, sieve diametr percent <.125mm (80227)	Bedload sediment, sieve diametr percent <.25mm (80228)	Bedload sediment, sieve diametr percent <.5 mm (80229)
JUN													
17...	71	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	14900	9.37	2	1	19	80.0	10	.025	.0	1	16	78
JUL													
10...	80	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	13100	8.40	2	1	19	80.0	10	.025	.0	1	8	73
18...	72	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
15...	69	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	15000	9.55	1	1	19	80.0	15	.025	.0	1	4	51
SEP													
22...	36	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	1880	1.32	2	1	20	44.0	40	.025	.0	1	11	96

Date	Bedload sediment, sieve diametr percent <1 mm (80230)	Bedload sediment, sieve diametr percent <2 mm (80231)	Bedload sediment, sieve diametr percent <4 mm (80232)	Bedload sediment, sieve diametr percent <8 mm (80233)	Bedload sediment, sieve diametr percent <16 mm (80234)	Bedload sediment, sieve diametr percent <32 mm (80235)	Bedload sediment, sieve diametr percent <64 mm (80236)
JUN							
17...	--	--	--	--	--	--	--
17...	91	94	95	97	98	100	--
JUL							
10...	--	--	--	--	--	--	--
10...	84	88	91	94	98	100	--
18...	--	--	--	--	--	--	--
AUG							
15...	--	--	--	--	--	--	--
15...	70	77	50	84	90	98	100
SEP							
22...	--	--	--	--	--	--	--
22...	99	100	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA

15389000 PORCUPINE NEAR FORT YUKON

Date	Time	Location in X-sect. looking dwnstrm ft from l bank (00009)	Sample location, cross section ft from rt bank (72103)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)
APR									
04...	1430	287	--	385	7.4	.0	758	5.2	36
04...	1450	235	--	385	7.4	.0	758	5.2	36
04...	1510	130	--	385	7.4	.0	758	4.9	34
04...	1532	370	--	380	7.4	.0	758	--	--
04...	1550	460	--	386	7.4	.0	757	5.0	34
JUL									
01...	1352	--	1000	217	8.2	19.5	740	7.9	89
01...	1412	--	890.0	217	8.2	19.7	740	7.9	89
01...	1432	--	780.0	215	8.2	19.7	740	7.9	89
01...	1452	--	630.0	218	8.2	19.5	740	7.8	88
01...	1512	--	420.0	219	8.2	19.5	740	7.8	88
23...	1502	1150	--	188	7.8	16.3	756	9.5	98
23...	1522	1000	--	189	7.8	16.3	756	9.5	98
23...	1542	800	--	184	7.8	16.1	756	9.6	98
23...	1602	650	--	184	7.8	16.2	756	9.6	98
23...	1622	400	--	184	7.8	16.4	756	9.8	101
AUG									
19...	1440	--	325.0	183	8.0	11.7	743	10.0	95
19...	1505	--	545.0	183	8.0	11.6	743	9.8	92
19...	1530	--	685.0	183	8.0	11.6	743	9.8	92
19...	1555	--	835.0	181	8.0	11.6	743	9.8	92
19...	1620	--	1035	180	7.8	11.7	743	9.7	92
SEP									
22...	1354	--	1073	230	8.3	1.4	764	12.9	92
22...	1356	--	833.0	230	8.3	1.4	764	12.8	91
22...	1358	--	593.0	230	8.3	1.4	764	12.8	91
22...	1400	--	353.0	230	8.3	1.4	764	12.7	90
22...	1402	--	113.0	230	8.3	1.4	764	12.7	90

Date	Time	Medium code	Sample type	Stream width, feet (00004)	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Type of sample related QA data, code (99111)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Turbidity, wat unf lab, Hach 2100AN NTU (99872)
APR													
04...	1530	9	9	590	1190	20	3044	100	385	7.4	-20.0	.0	1.1
JUN													
09...	1510	9	9	--	48500	20	3055	1	120	7.8	--	12.2	40
19...	1420	9	7	1230	17400	20	3055	30	187	8.0	--	--	9.6
JUL													
01...	1430	9	9	--	16200	20	3055	1	217	8.2	--	19.6	3.0
23...	1540	9	9	--	27000	20	3055	30	184	7.8	--	16.1	34
AUG													
19...	1310	9	9	1260	35900	20	3055	1	182	8.0	--	11.6	40
SEP													
22...	1300	9	9	1170	13400	20	3044	1	230	8.3	--	1.4	6.7

Date	UV absorbance, 254 nm, wat flt units /cm (50624)	UV absorbance, 280 nm, wat flt units /cm (61726)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, field, mg/L as CaCO3 (00410)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)
APR													
04...	.042	.030	758	5.0	34	200	60.5	12.7	5.07	174	.53	213	.0
JUN													
09...	.357	.268	761	9.8	91	60	18.2	3.52	1.24	--	.58	56	.0
19...	.268	.196	753	--	--	93	28.2	5.37	1.94	--	.57	88	.0
JUL													
01...	--	--	740	7.9	89	110	31.8	6.35	3.07	--	.63	98	.0
23...	.403	.298	756	9.6	98	88	25.2	6.03	2.25	--	.46	71	.0
AUG													
19...	.305	.226	743	9.8	92	94	26.6	6.62	1.93	--	.39	65	.0
SEP													
22...	.278	.201	764	12.8	91	110	34.5	6.92	2.35	--	.36	105	.0

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

15389000 PORCUPINE NEAR FORT YUKON—Continued

Date	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Alkalinity, wat flt fxd end field, mg/L as CaCO3 (39036)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
APR													
04...	175	170	31.9	4.03	.08	4.46	233	225	<.002	.208	<.015	E.08	E.07
JUN													
09...	46	47	13.2	.66	<.2	2.41	96	68	E.002	.028	<.015	.61	.29
19...	72	72	20.0	1.13	<.2	3.05	115	104	E.002	<.022	<.015	.33	.24
JUL													
01...	81	82	27.4	1.86	<.2	2.70	151	122	<.002	<.022	<.015	.30	.28
23...	59	59	29.1	1.16	<.2	3.45	128	103	E.002	.029	<.015	.38	.28
AUG													
19...	53	53	32.2	.71	<.2	3.77	124	105	<.002	.035	<.015	.37	.23
SEP													
22...	86	87	32.3	1.34	<.2	3.81	157	134	<.002	.026	<.015	.29	.28

Date	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, suspnd sedimnt total, percent (30292)	Aluminum, suspnd sedimnt total, percent (30221)	Aluminum, water, fltrd, ug/L (01106)	Antimony, suspnd sedimnt total, ug/g (29816)	Antimony, water, fltrd, ug/L (01095)	Arsenic suspnd sedimnt total, ug/g (29818)	Arsenic water, fltrd, ug/L (01000)	Barium, suspnd sedimnt total, ug/g (29820)	Barium, water, fltrd, ug/L (01005)	Beryllium, suspnd sedimnt total, ug/g (29822)
APR													
04...	.004	<.004	<.007	--	--	2	--	<.30	--	E.2	--	86	--
JUN													
09...	.109	.011	<.007	.100	7.3	27	1.3	<.30	16	.3	840	37	2
19...	.023	E.004	<.007	.058	3.1	22	1.8	<.30	17	.4	85	46	2
JUL													
01...	.013	E.003	<.007	.110	5.5	20	1.6	<.30	16	.4	800	56	2
23...	.052	.007	<.007	.100	7.5	36	1.3	<.30	18	.3	1300	45	2
AUG													
19...	.074	.005	<.007	.100	7.9	30	1.1	<.30	16	E.2	1000	40	2
SEP													
22...	.015	.005	<.007	.069	4.1	28	1.0	<.30	13	.3	240	47	1

Date	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium suspnd sedimnt total, ug/g (29826)	Cadmium water, fltrd, ug/L (01025)	Chromium, suspnd sedimnt total, ug/g (29829)	Chromium, water, fltrd, ug/L (01030)	Cobalt, suspnd sedimnt total, ug/g (35031)	Cobalt water, fltrd, ug/L (01035)	Copper, suspnd sedimnt total, ug/g (29832)	Copper, water, fltrd, ug/L (01040)	Iron, suspnd sedimnt total, percent (30269)	Iron, water, fltrd, ug/L (01046)	Lead, suspnd sedimnt total, ug/g (29836)
APR													
04...	<.06	9	--	<.04	--	<.8	--	.196	--	.6	--	11	--
JUN													
09...	<.06	E5	.8	<.04	120	<.8	15	.114	28	2.0	3.9	172	21
19...	<.06	E5	1.4	<.04	110	<.8	9	.098	24	1.8	2.0	115	35
JUL													
01...	<.06	8	2.2	<.04	170	<.8	14	.095	40	1.7	3.5	59	38
23...	<.06	8	.8	E.02	130	<.8	18	.121	34	2.3	4.2	137	24
AUG													
19...	<.06	E6	1.0	<.04	130	<.8	17	.149	31	2.3	4.2	116	24
SEP													
22...	<.06	E6	.9	<.04	99	<.8	15	.184	25	1.4	3.0	121	12

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

15389000 PORCUPINE NEAR FORT YUKON—Continued

Date	Lead, water, fltrd, ug/L (01049)	Lithium suspnd sedimnt total, ug/g (35050)	Lithium water, fltrd, ug/L (01130)	Manganese, suspnd sedimnt total, ug/g (29839)	Manganese, water, fltrd, ug/L (01056)	Mercury suspnd sedimnt total, ug/g (29841)	Molybdenum, suspnd sedimnt total, ug/g (29843)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, suspnd sedimnt total, ug/g (29845)	Nickel, water, fltrd, ug/L (01065)	Selenium, suspnd sedimnt total, ug/g (29847)	Selenium, water, fltrd, ug/L (01145)	Silver, suspnd sedimnt total, ug/g (29850)
APR													
04...	<.08	--	7.2	--	13.7	--	--	.7	--	1.22	--	E.5	--
JUN													
09...	.12	58	2.2	670	2.5	.07	3	E.3	60	2.33	1	<.5	<.5
19...	E.08	19	3.3	610	2.0	.21	6	.4	58	2.55	1	E.4	<.5
JUL													
01...	<.08	41	4.6	1300	1.5	--	10	.5	90	2.64	1	<.5	<.5
23...	E.08	74	4.1	660	2.6	.08	4	.4	85	3.20	1	<.5	<.5
AUG													
19...	E.06	67	3.9	710	3.4	.03	3	E.3	70	3.81	1	<.5	<.5
SEP													
22...	<.08	44	4.5	710	6.0	<.01	5	E.3	67	3.19	1	<.5	<.5

Date	Silver, water, fltrd, ug/L (01075)	Strontium, suspnd sedimnt total, ug/g (35040)	Strontium, water, fltrd, ug/L (01080)	Thallium, suspnd sedimnt ug/g (49955)	Titanium, suspnd sedimnt total, percent (30317)	Vanadium, suspnd sedimnt total, ug/g (29853)	Vanadium, water, fltrd, ug/L (01085)	Zinc, suspnd sedimnt total, ug/g (29855)	Zinc, water, fltrd, ug/L (01090)	Uranium suspnd sedimnt total, ug/g (35046)	Uranium natural water, fltrd, ug/L (22703)	Organic carbon, water, fltrd, mg/L (00681)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)
APR													
04...	<.2	--	154	--	--	--	.4	--	2	--	.88	1.7	<.1
JUN													
09...	<.2	130	54.1	<50	.430	190	.8	200	2	<50	.23	9.4	<.1
19...	<.2	85	79.5	<50	.230	85	1.0	150	M	<50	.40	7.8	<.1
JUL													
01...	<.2	170	104	<50	--	150	.6	190	4	<50	.39	8.6	<.1
23...	<.2	140	81.3	<50	.470	230	.3	260	1	<50	.25	12.0	<.1
AUG													
19...	<.2	130	98.9	<50	.440	210	.2	220	2	<50	.24	8.7	<.1
SEP													
22...	<.2	310	109	<50	.230	110	.3	170	2	<50	.42	9.1	<.1

Date	Organic carbon, suspnd sedimnt total, mg/L (00689)	Total carbon, suspnd sedimnt total, mg/L (00694)	Total carbon, suspnd sedimnt total, percent (30244)	Organic carbon, suspnd sedimnt percent (50465)	Particulate nitrogen, susp, water, mg/L (49570)	Suspnd. sedimnt conc, flow through cntrfug mg/L (50279)	Suspended sediment concentration mg/L (80154)	Suspended sediment load, tons/d (80155)	Suspnd. sediment, sieve diametr percent <.063mm (70331)
APR									
04...	<.1	<.1	--	--	<.02	--	1	3.2	--
JUN									
09...	2.4	2.4	3.4	3.2	.20	91	98	12800	95
19...	.7	.7	--	--	.05	10	13	611	90
JUL									
01...	.6	.6	--	--	.06	7	6	262	92
23...	1.4	1.5	3.3	3.2	.14	41	48	3500	98
AUG									
19...	2.0	2.0	3.7	3.6	.18	53	61	5910	94
SEP									
22...	.5	.5	7.4	5.4	.03	11	10	362	93

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

15512000 CHENA SL NEAR FAIRBANKS

Date	Time	Medium code	Sample type	Sampling method, code (82398)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	Fecal coliform, M-FC 0.7u MF col/100 mL (31625)	E coli, m-TEC MF, water, col/100 mL (31633)
AUG													
13...	1920	9	9	--	--	--	--	--	--	--	--	--	--
16...	--	9	9	10	--	--	14.0	--	--	--	--	93	M3
29...	1300	9	9	10	341	8.0	18.0	8.9	748	11.7	103	2	M2
SEP													
10...	1200	9	9	--	--	--	--	--	--	--	--	--	--

Date	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potassium, water, fltrd, mg/L (00935)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)
AUG													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	160	45.8	11.0	6.05	3.42	17.0	7.09	<.2	19.4	224	204	<.002	<.022

Date	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlorpyrifos water, fltrd, ug/L (38933)	Diazinon, water, fltrd, ug/L (39572)	Metolachlor, water, fltrd, ug/L (39415)	Prometon, water, fltrd, ug/L (04037)
AUG													
13...	--	--	--	--	--	--	--	--	<1	<.5	<.5	<.5	<.5
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	<.015	.11	E.05	.011	.008	E.004	21	87.7	<1	<.5	<.5	<.5	<.5

1551400415 NOYES SL INLET AT FAIRBANKS

Date	Time	Medium code	Sample type	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potassium, water, fltrd, mg/L (00935)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)
SEP													
09...	1515	9	9	70	20.9	4.31	1.46	.87	14.6	.56	<.2	8.17	94

Date	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlorpyrifos water, fltrd, ug/L (38933)
SEP													
09...	84	<.002	.216	<.015	.21	.23	.016	.008	E.004	283	25.8	<1	<.5

Date	Diazinon, water, fltrd, ug/L (39572)	Metolachlor, water, fltrd, ug/L (39415)	Prometon, water, fltrd, ug/L (04037)
SEP			
09...	<.5	<.5	<.5

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

644331147135900 CHENA SL 0.8 MI ABOVE FLOOD LEVEE NEAR NORTH POLE

Date	Time	Medium code	Sample type	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potassium, water, fltrd, mg/L (00935)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)
AUG													
13...	1810	9	9	--	--	--	--	--	--	--	--	--	--
SEP													
09...	1145	9	9	190	56.4	12.6	5.01	3.86	8.9	2.53	.2	22.7	247

Date	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlorpyrifos water, fltrd, ug/L (38933)
AUG													
13...	--	--	--	--	--	--	--	--	--	--	--	<1	<.5
SEP													
09...	241	<.002	<.022	.040	.21	.20	.014	E.003	<.007	29	4060	<1	<.5

Date	Diazinon, water, fltrd, ug/L (39572)	Metolachlor, water, fltrd, ug/L (39415)	Prometon, water, fltrd, ug/L (04037)
AUG			
13...	<.5	<.5	<.5
SEP			
09...	<.5	<.5	<.5

644435147203100 BEAVER SPRINGS 850 FT BELOW REFINERY NEAR NORTH POLE

Date	Time	Medium code	Sample type	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potassium, water, fltrd, mg/L (00935)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)
SEP													
09...	1245	9	9	160	47.6	11.1	5.70	3.80	21.3	5.69	<.2	18.6	213

Date	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlorpyrifos water, fltrd, ug/L (38933)
SEP													
09...	207	<.002	<.022	<.015	.12	.13	.007	E.004	<.007	19	54.2	<1	<.5

Date	Diazinon, water, fltrd, ug/L (39572)	Metolachlor, water, fltrd, ug/L (39415)	Prometon, water, fltrd, ug/L (04037)
SEP			
09...	<.5	<.5	<.5

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

644539147204600 BEAVER SPRINGS AT DOUGHCHEE AVENUE NEAR NORTH POLE

Date	Time	Medium code	Sample type	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potassium, water, fltrd, mg/L (00935)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)
AUG													
13...	1720	9	9	--	--	--	--	--	--	--	--	--	--
SEP													
09...	1330	9	9	160	46.1	11.4	6.22	3.78	27.6	5.40	<.2	19.8	219

Date	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlorpyrifos water, fltrd, ug/L (38933)
AUG													
13...	--	--	--	--	--	--	--	--	--	--	--	<1	<.5
SEP													
09...	208	<.002	<.022	<.015	E.09	.11	.014	.006	<.007	48	509	<1	<.5

Date	Diazinon, water, fltrd, ug/L (39572)	Metolachlor, water, fltrd, ug/L (39415)	Prometon, water, fltrd, ug/L (04037)
AUG			
13...	<.5	<.5	<.5
SEP			
09...	<.5	<.5	<.5

644547147193100 CHENA SL 0.1 MI BELOW OUT HURST BLVD NEAR NORTH POLE

Date	Time	Medium code	Sample type	Sampling method, code (82398)	Sampler type, code (84164)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	Fecal coliform, M-FC 0.7u MF col/100 mL (31625)
JUN													
11...	1340	9	9	70	8010	342	8.0	21.0	13.3	760	9.5	91	86
AUG													
13...	1340	9	9	--	--	--	--	--	--	--	--	--	--
15...	1410	9	9	70	8010	--	--	--	--	--	--	--	25
29...	1350	9	9	70	8010	357	7.7	18.0	9.5	748	9.4	82	32
30...	1440	9	9	70	8010	362	7.7	17.0	10.0	743	9.3	83	11
SEP													
09...	1400	9	9	--	--	--	--	--	--	--	--	--	--
11...	1030	9	9	70	8010	--	--	--	--	--	--	--	14

Date	E coli, m-TEC MF, water, col/100 mL (31633)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potassium, water, fltrd, mg/L (00935)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)
JUN													
11...	51	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<1	--	--	--	--	--	--	--	--	--	--	--	--
29...	20	--	--	--	--	--	--	--	--	--	--	--	--
30...	14	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
09...	--	180	50.5	12.3	7.86	3.80	15.1	11.3	<.2	19.5	221	223	<.002
11...	11	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

644547147193100 CHENA SL 0.1 MI BELOW OUT HURST BLVD NEAR NORTH POLE—Continued

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	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)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Chlor-pyrifos water, fltrd, ug/L (38933)	Diazi-non, water, fltrd, ug/L (39572)	Metola-chlor, water, fltrd, ug/L (39415)
JUN													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
13...	--	--	--	--	--	--	--	--	--	<1	<.5	<.5	<.5
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
09...	<.022	<.015	E.07	E.10	.004	<.004	<.007	14	163	<1	<.5	<.5	<.5
11...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Prome-ton, water, fltrd, ug/L (04037)
JUN	
11...	--
AUG	
13...	<.5
15...	--
29...	--
30...	--
SEP	
09...	<.5
11...	--

644814147224200 CHENA SL AT WILIS CT NEAR NORTH POLE

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)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	Fecal coli-form, M-FC 0.7u MF col/ 100 mL (31625)
AUG													
13...	1620	9	9	--	--	--	--	--	--	--	--	--	--
16...	0840	9	9	70	8010	--	--	--	--	--	--	--	72
29...	1330	9	9	70	8010	357	7.9	18.0	8.1	748	11.2	95	45
SEP													
10...	1255	9	9	--	--	--	--	--	--	--	--	--	--
11...	1020	9	9	--	--	--	--	--	--	--	--	--	--

Date	E coli, m-TEC MF, water, col/ 100 mL (31633)	Hard-ness, water, unfltrd 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)	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)	Residue water, fltrd, sum of consti-tuents mg/L (70301)	Iron, water, fltrd, ug/L (01046)
AUG													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	2	--	--	--	--	--	--	--	--	--	--	--	--
29...	33	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	--	170	48.7	11.7	6.59	3.59	19.4	8.08	<.2	19.7	226	213	51
11...	--	160	47.0	11.3	6.48	3.60	21.4	7.25	<.2	19.1	220	208	27

Date	Mangan-ese, water, fltrd, ug/L (01056)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Chlor-pyrifos water, fltrd, ug/L (38933)	Diazi-non, water, fltrd, ug/L (39572)	Metola-chlor, water, fltrd, ug/L (39415)	Prome-ton, water, fltrd, ug/L (04037)
AUG						
13...	--	<1	<.5	<.5	<.5	<.5
16...	--	--	--	--	--	--
29...	--	--	--	--	--	--
SEP						
10...	169	<1	<.5	<.5	<.5	<.5
11...	118	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

645006147290600 CHENA SL AT PERSINGER DRIVE NEAR NORTH POLE

Date	Time	Medium code	Sample type	Sampling method, code (82398)	Sampler type, code (84164)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	Fecal coliform, M-FC 0.7u MF col/100 mL (31625)
JUN													
11...	1550	9	9	70	8010	330	8.7	23.0	17.3	760	11.3	118	6
AUG													
13...	2000	9	9	--	--	--	--	--	--	--	--	--	--
19...	0850	9	9	70	8010	--	--	--	--	--	--	--	28
30...	1500	9	9	70	8010	339	8.2	18.0	10.7	743	12.3	114	12
SEP													
10...	1345	9	9	--	--	--	--	--	--	--	--	--	--

Date	E coli, m-TEC MF, water, col/100 mL (31633)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potassium, water, fltrd, mg/L (00935)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)
JUN													
11...	5	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	5	--	--	--	--	--	--	--	--	--	--	--	--
30...	8	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	--	170	47.5	11.5	6.59	3.63	15.9	7.65	.2	20.0	221	208	<.002

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlorpyrifos water, fltrd, ug/L (38933)	Diazinon, water, fltrd, ug/L (39572)	Metolachlor, water, fltrd, ug/L (39415)
JUN													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
13...	--	--	--	--	--	--	--	--	--	<1	<.5	<.5	<.5
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
10...	<.022	<.015	.12	E.07	.015	.010	E.005	64	43.6	<1	<.5	<.5	<.5

Date	Prometon, water, fltrd, ug/L (04037)
JUN	
11...	--
AUG	
13...	<.5
19...	--
30...	--
SEP	
10...	<.5

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

680837151435000 CONTACT CREEK AT MAIN STREET AT ANAKTUVUK PASS

Date	Time	Medium code	Sample type	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	Hardness, water, unfltrd mg/L as CaCO3 (00900)
JUN													
17...	1515	9	9	213	10	3045	100	8.1	4.9	706	11.5	97	54
JUL													
15...	1810	9	9	131	10	3045	133	7.9	4.7	699	12.0	102	67
AUG													
14...	1510	9	9	289	10	3045	127	7.9	4.9	--	11.5	--	64
SEP													
09...	1130	9	9	31	10	3045	150	8.3	.3	695	9.0	68	74

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, field, mg/L as CaCO3 (00410)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)
JUN													
17...	18.1	2.20	.19	48	E.12	60	46	--	--	--	.84	--	--
JUL													
15...	21.7	3.14	.41	62	.27	78	60	5.6	.40	<.2	1.29	75	71
AUG													
14...	20.5	3.12	.27	57	<.16	76	57	5.3	E.15	<.2	1.26	75	--
SEP													
09...	23.2	3.94	.31	71	E.16	92	71	8.7	.24	<.2	1.48	86	--

Date	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Organic carbon, water, fltrd, mg/L (00681)
JUN											
17...	<.002	.042	<.015	E.05	<.10	.028	E.003	<.007	9	.9	.8
JUL											
15...	<.002	E.014	<.015	E.06	<.10	E.003	E.002	<.007	E6	E.4	1.1
AUG											
14...	<.002	.035	<.015	<.10	<.10	.009	<.004	<.007	<8	.4	1.1
SEP											
09...	<.002	<.022	<.015	<.10	<.10	E.003	<.004	<.007	E5	.6	1.2

680811151443200 JOHN RIVER TRIBUTARY ABOVE LAGOONS AT ANAKTUVUK PASS

Date	Time	Medium code	Sample type	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)
JUN													
17...	1955	9	9	1.2	50	3070	19	7.3	--	9.0	--	10.4	--
JUL													
17...	1240	9	9	2.7	70	--	25	7.0	3.5	7.0	703	11.3	101
AUG													
13...	1952	9	9	8.9	70	--	45	7.3	4.5	6.3	698	11.4	101
SEP													
11...	1000	9	9	1.8	70	--	38	7.0	--	.8	691	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

680811151443200 JOHN RIVER TRIBUTARY ABOVE LAGOONS AT ANAKTUVUK PASS—Continued

Date	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, field, mg/L as CaCO3 (00410)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)
JUN													
17...	9	2.20	.834	.14	9	.22	10	8	1.0	<.20	<.2	1.04	11
JUL													
17...	15	3.84	1.30	.30	13	.20	15	12	1.3	E.12	<.2	1.28	29
AUG													
13...	25	6.87	1.81	.14	20	E.08	24	19	1.6	<.20	<.2	1.94	40
SEP													
11...	20	5.01	1.79	.14	16	E.10	20	15	2.3	<.20	<.2	2.16	37

Date	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Organic carbon, water, fltrd, mg/L (00681)
JUN											
17...	<.002	<.022	<.015	.16	.15	.006	E.003	<.007	222	2.1	4.1
JUL											
17...	<.002	<.022	<.015	.23	.16	.004	E.004	<.007	206	3.8	5.5
AUG											
13...	<.002	<.022	<.015	.22	.20	.004	E.004	<.007	128	1.8	6.9
SEP											
11...	<.002	<.022	<.015	.19	.14	.004	E.002	<.007	113	10.4	5.5

680752151450200 JOHN RIVER TRIBUTARY AT ANAKTUVUK PASS

Date	Time	Medium code	Sample type	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)
JUN													
17...	2115	9	9	1.3	20	3045	106	8.1	--	4.7	--	10.2	--
JUL													
17...	1600	9	9	3.2	70	--	87	7.6	9.5	7.1	704	10.6	95
AUG													
13...	2125	9	9	7.4	10	3045	80	7.3	5.8	6.2	697	11.1	98
SEP													
11...	1115	9	9	1.2	70	--	84	7.9	--	2.0	691	--	--

Date	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, field, mg/L as CaCO3 (00410)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)
JUN													
17...	55	17.6	2.72	.43	54	<.16	69	53	2.2	.39	<.2	1.17	67
JUL													
17...	46	14.5	2.43	.62	44	.34	55	42	2.6	.47	<.2	1.42	65
AUG													
13...	43	12.8	2.63	.33	39	.18	49	38	2.4	.20	<.2	2.15	65
SEP													
11...	42	12.4	2.59	.30	40	.16	51	39	2.9	.24	<.2	1.95	59

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

680752151450200 JOHN RIVER TRIBUTARY AT ANAKTUVUK PASS—Continued

Date	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Organic carbon, water, fltrd, mg/L (00681)
JUN												
17...	--	<.002	.270	<.015	.12	.10	.005	<.004	<.007	57	E.3	3.0
JUL												
17...	51	<.002	.255	<.015	.18	.13	E.003	<.004	<.007	100	.7	4.4
AUG												
13...	45	<.002	.109	<.015	.20	.17	.004	.005	<.007	83	.7	6.3
SEP												
11...	46	<.002	.094	<.015	.21	.16	.009	<.004	<.007	31	1.2	4.9

680735151444400 INUKPASUGRUK CREEK AT ANAKTUVUK PASS

Date	Time	Medium code	Sample type	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)
MAY													
14...	1030	9	9	3.9	30	--	371	8.0	-2.5	.0	696	10.2	77
JUL													
16...	1225	9	9	102	10	3045	165	7.8	5.5	5.0	699	13.0	111
SEP													
09...	1630	9	9	102	10	3045	199	8.1	--	3.0	--	7.9	--

Date	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, field, mg/L as CaCO3 (00410)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)
MAY													
14...	200	43.5	22.6	4.16	111	1.89	143	110	100	.39	<.17	5.43	274
JUL													
16...	79	21.6	6.05	1.10	55	.42	72	55	27.1	<.20	<.2	1.98	99
SEP													
09...	89	23.3	7.60	.95	60	.29	78	60	35.7	E.16	<.2	2.06	114

Date	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Organic carbon, water, fltrd, mg/L (00681)
MAY												
14...	248	.003	E.013	<.015	.21	.19	.014	.006	<.007	E8	15.1	4.8
JUL												
16...	--	<.002	.027	<.015	<.10	<.10	E.002	<.004	<.007	E5	1.3	.8
SEP												
09...	--	<.002	.024	<.015	<.10	<.10	.004	<.004	<.007	<8	1.2	1.0

680715151463000 JOHN RIVER BELOW INUKPASUGRUK CREEK AT ANAKTUVUK PASS

Date	Time	Medium code	Sample type	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)
JUL													
16...	1513	9	9	232	10	3045	158	8.1	8.3	6.6	--	12.2	--
AUG													
14...	1145	9	9	600	10	3045	148	7.8	11.5	5.5	698	9.9	86
SEP													
09...	1415	9	9	135	10	3045	195	8.2	--	3.3	--	8.2	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

YUKON ALASKA—Continued

680715151463000 JOHN RIVER BELOW INUKPASUGRUK CREEK AT ANAKTUVUK PASS—Continued

Date	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, field, mg/L as CaCO3 (00410)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Sulfate water, fltrd, mg/L (00945)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)
JUL													
16...	81	25.7	4.19	.69	72	.29	92	71	9.3	E.19	<.2	1.62	89
AUG													
14...	73	22.3	4.33	.53	59	.22	74	57	13.4	E.13	<.2	1.84	91
SEP													
09...	95	28.0	6.07	.79	76	.20	99	76	19.4	.26	<.2	1.82	115

Date	Residue water, fltrd, sum of constituents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Organic carbon, water, fltrd, mg/L (00681)
JUL												
16...	--	<.002	.065	<.015	E.06	<.10	.004	.009	<.007	E6	.6	1.1
AUG												
14...	--	<.002	.050	<.015	.11	<.10	.056	E.003	<.007	E5	1.4	1.3
SEP												
09...	105	<.002	.066	<.015	<.10	<.10	E.003	<.004	<.007	<8	.6	1.2

NORTHWEST ALASKA

673610163540400 NEW HEART CREEK .8 MI ABOVE PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Altitude of land surface feet (72000)	Drainage area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnesium, bed sed <62.5um wet svd fld,tot percent (34900)	Potassium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phosphorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN													
26...	1030	H	9	1028	80020	325	1.8	.670	.700	1.7	.430	.08	.094

Date	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)	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)	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 field, 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)
JUN													
26...	3.4	.08	3.3	6.3	.8	9.8	810	1.9	1	.3	41	140	15

Date	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)	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)
JUN													
26...	27	1	14	1	1	3.5	23	19	54	1200	.13	.8	23

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

673610163540400 NEW HEART CREEK .8 MI ABOVE PORT ACCESS ROAD NEAR KIVALINA—Continued

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	55	8	14	1.8	.3	120	1	1	10	2	.330	120	2

Date	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)
JUN			
26...	21	140	2.8

673635164004600 NEW HEART CREEK 2 MI BELOW PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col-lecting sample, code (00027)	Agency ana-lyzing sample, code (00028)	Alti-tude of land surface feet (72000)	Drain-age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes-ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas-sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos-phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN													
26...	1105	H	7	1028	80020	75	9.7	1.4	.600	1.7	.300	.07	.094

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN													
26...	3.0	.35	2.6	6.4	.6	10	860	1.8	1	.9	45	110	17

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ-ium, 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)	Lantha-num, 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)	Mangan-ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb-denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym-ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN													
26...	21	1	14	1	1	3.7	24	32	58	900	.08	.9	25

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	67	9	13	1.3	.2	140	1	1	9	2	.350	120	2

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

673635164004600 NEW HEART CREEK 2 MI BELOW PORT ACCESS ROAD NEAR KIVALINA—Continued

Date	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)
JUN 26...	23	320	2.3

673919163395300 STRAIGHT CREEK 1 MI ABOVE PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col- lecting sample, code (00027)	Agency ana- lyzing sample, code (00028)	Alti- tude of land surface feet (72000)	Drain- age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes- ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas- sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos- phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN 26...	1435	H	9	1028	80020	525	8.4	.550	.790	1.4	.830	.05	.072

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom- ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN 26...	2.0	.04	2.0	5.9	.7	8.4	730	1.9	1	.4	52	87	15

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ- ium, 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)	Lantha- num, 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)	Mangan- ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb- denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym- ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN 26...	20	1	13	1	1	3.4	27	21	40	560	.05	.5	26

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand- ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen- ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront- ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant- alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall- ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan- ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad- ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb- ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN 26...	48	8	14	.4	.1	74	1	1	9	2	.370	100	2

Date	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)
JUN 26...	16	120	2.4

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674054163465200 STRAIGHT CREEK 4 MI BELOW PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Altitude of land surface feet (72000)	Drainage area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnesium, bed sed <62.5um wet svd fld,tot percent (34900)	Potassium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phosphorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN 26...	1350	H	9	1028	80020	375	15.2	.480	.710	1.2	.860	.05	.057

Date	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)	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)	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 field, 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)
JUN 26...	1.5	.03	1.5	5.6	.6	6.3	710	1.7	1	.4	54	82	14

Date	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)	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)
JUN 26...	18	1	12	1	1	3.1	28	20	39	630	.04	.5	28

Date	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)	Tantalum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thallium, bed sed <62.5um dry svd total, ug/g (04064)	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)
JUN 26...	42	9	12	.3	.1	73	1	1	8	2	.400	97	2

Date	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)
JUN 26...	15	120	2.3

674220163572800 STRAIGHT CREEK 7.7 MI BELOW PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Altitude of land surface feet (72000)	Drainage area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnesium, bed sed <62.5um wet svd fld,tot percent (34900)	Potassium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phosphorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN 26...	1245	H	9	1028	80020	175	23.6	.620	.800	1.4	.710	.05	.072

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674220163572800 STRAIGHT CREEK 7.7 MI BELOW PORT ACCESS ROAD NEAR KIVALINA—Continued

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN													
26...	2.5	.05	2.5	6.3	.7	9.0	950	1.8	1	.7	55	95	19

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ-ium, 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)	Lantha-num, 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)	Mangan-ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb-denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym-ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN													
26...	23	1	14	1	1	4.1	27	26	48	1100	.06	.6	28

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	61	9	15	.6	.1	85	1	1	9	2	.390	120	3

Date	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)
JUN			
26...	18	180	2.4

674133163341500 SF OMIKVIOROK RIVER 2.5 MI ABOVE ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col-lecting sample, code (00027)	Agency ana-lyzing sample, code (00028)	Alti-tude of land surface feet (72000)	Drain-age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes-ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas-sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos-phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN													
26...	1455	H	9	1028	80020	450	13.9	.510	.760	1.2	.840	.05	.070

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN													
26...	1.6	.03	1.6	5.8	.8	8.7	790	1.6	1	.3	51	87	16

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674133163341500 SF OMIKVIOROK RIVER 2.5 MI ABOVE ACCESS ROAD NEAR KIVALINA—Continued

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ- ium, 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)	Lantha- num, 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)	Mangan- ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb- denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym- ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN													
26...	21	1	13	1	1	3.6	27	16	41	710	.05	.6	26

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand- ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen- ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront- ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant- alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall- ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan- ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad- ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb- ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	47	9	13	.4	.1	70	1	1	9	2	.390	110	2

Date	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)
JUN			
26...	17	100	2.4

674157164024300 OMIKVIOROK RIVER 5.5 MI ABOVE MOUTH NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col- lecting sample, code (00027)	Agency ana- lyzing sample, code (00028)	Alti- tude of land surface feet (72000)	Drain- age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes- ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas- sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos- phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN													
26...	1215	H	7	1028	80020	75	146	.680	.780	1.2	.730	.05	.076

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom- ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN													
26...	2.3	.05	2.3	5.6	.7	10	900	1.7	1	.4	48	94	17

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ- ium, 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)	Lantha- num, 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)	Mangan- ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb- denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym- ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN													
26...	22	1	13	1	1	3.7	25	20	44	960	.05	.6	25

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674157164024300 OMIKVIOROK RIVER 5.5 MI ABOVE MOUTH NEAR KIVALINA—Continued

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	57	8	14	.6	.1	74	1	1	8	2	.360	110	2

Date	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)
JUN			
26...	18	140	2.2

674244163441100 OMIKVIOROK RIVER TRAIL 2.3 MI BELOW ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col-lecting sample, code (00027)	Agency ana-lyzing sample, code (00028)	Alti-tude of land surface feet (72000)	Drain-age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes-ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas-sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos-phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN													
26...	1330	H	9	1028	80020	275	5.1	.610	.800	1.1	.900	.05	.069

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN													
26...	2.1	.02	2.0	5.7	.7	9.6	990	1.6	1	.3	55	89	20

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ-ium, 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)	Lantha-num, 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)	Mangan-ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb-denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym-ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN													
26...	21	1	13	1	1	4.2	28	18	37	740	.04	.8	28

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	46	9	14	.4	.2	73	1	1	8	2	.420	110	2

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674244163441100 OMIKVIOROK RIVER TRAIL 2.3 MI BELOW ACCESS ROAD NEAR KIVALINA—Continued

Date	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)
JUN			
26...	18	110	2.2

674324163243500 SB NF OMIKVIOROK RIVER 6.5 MI ABOVE ACCESS NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col- lecting sample, code (00027)	Agency ana- lyzing sample, code (00028)	Alti- tude of land surface feet (72000)	Drain- age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes- ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas- sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos- phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN													
26...	1550	H	9	1028	80020	535	11.5	.670	.690	1.1	.860	.05	.073

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom- ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN													
26...	1.8	.04	1.7	5.3	.6	7.2	790	1.6	1	.3	46	84	14

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ- ium, 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)	Lantha- num, 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)	Mangan- ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb- denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym- ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN													
26...	17	1	11	1	1	3.0	24	19	38	780	.04	.5	25

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand- ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen- ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront- ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant- alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall- ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan- ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad- ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb- ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	46	8	12	.5	.1	69	1	1	8	2	.370	86	2

Date	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)
JUN			
26...	17	110	2.1

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674338163320500 NF OMIKVIOROK RIVER 2.6 MI ABOVE ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Altitude of land surface feet (72000)	Drainage area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnesium, bed sed <62.5um wet svd fld,tot percent (34900)	Potassium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phosphorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN 26...	1515	H	9	1028	80020	425	44.5	.600	.720	1.2	.790	.05	.075

Date	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)	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)	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 field, 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)
JUN 26...	2.3	.03	2.2	5.7	.8	9.0	920	1.5	1	.5	45	89	17

Date	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)	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)
JUN 26...	21	1	13	1	1	3.5	24	21	43	1100	.05	.5	25

Date	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)	Tantalum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thallium, bed sed <62.5um dry svd total, ug/g (04064)	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)
JUN 26...	51	8	13	.5	.1	70	1	1	8	2	.360	100	2

Date	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)
JUN 26...	16	140	2.2

674341163531500 OMIKVIOROK RIVER 7 MI BELOW PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Altitude of land surface feet (72000)	Drainage area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnesium, bed sed <62.5um wet svd fld,tot percent (34900)	Potassium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phosphorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN 26...	1305	H	9	1028	80020	175	82.4	.660	.780	1.4	.610	.05	.083

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674341163531500 OMIKVIOROK RIVER 7 MI BELOW PORT ACCESS ROAD NEAR KIVALINA—Continued

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN													
26...	2.8	.06	2.7	6.4	.8	11	1100	1.8	1	.6	51	100	21

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ-ium, 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)	Lantha-num, 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)	Mangan-ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb-denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym-ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN													
26...	34	1	15	1	1	4.2	25	24	53	1500	.10	.7	26

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	64	9	16	.8	.2	76	1	1	9	3	.360	120	2

Date	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)
JUN			
26...	18	170	2.2

674406163235900 NF OMIKVIOROK RIVER 6.5 MI ABOVE ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col-lecting sample, code (00027)	Agency ana-lyzing sample, code (00028)	Alti-tude of land surface feet (72000)	Drain-age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes-ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas-sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos-phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN													
26...	1605	H	9	1028	80020	535	17.2	.950	.840	1.8	.550	.06	.110

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN													
26...	3.5	.13	3.3	7.4	.8	16	1400	2.4	1	.9	57	120	29

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674406163235900 NF OMIKVIOROK RIVER 6.5 MI ABOVE ACCESS ROAD NEAR KIVALINA—Continued

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ-ium, 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)	Lantha-num, 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)	Mangan-ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb-denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym-ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN 26...	32	2	18	1	1	5.3	31	26	61	2800	.08	.9	31

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN 26...	85	9	18	1.0	.2	85	1	1	11	3	.390	140	2

Date	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)
JUN 26...	23	200	2.8

674641163171800 NB NF OMIKVIOROK RIVER 9 MI ABOVE ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col-lecting sample, code (00027)	Agency ana-lyzing sample, code (00028)	Alti-tude of land surface feet (72000)	Drain-age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes-ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas-sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos-phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN 26...	1625	H	9	1028	80020	775	5.4	.490	.620	1.6	.570	.05	.079

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN 26...	3.1	.05	3.1	6.4	.7	12	770	1.6	1	.4	53	100	17

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ-ium, 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)	Lantha-num, 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)	Mangan-ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb-denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym-ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN 26...	54	1	14	1	1	4.2	28	23	48	1100	.08	.8	27

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674641163171800 NB NF OMIKVIOROK RIVER 9 MI ABOVE ACCESS ROAD NEAR KIVALINA—Continued

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	120	8	14	.8	.2	72	1	1	10	3	.370	120	2

Date	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)
JUN			
26	26	120	2.9

674437163312500 MUD LAKE C 3.4 MI ABOVE PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col-lecting sample, code (00027)	Agency ana-lyzing sample, code (00028)	Alti-tude of land surface feet (72000)	Drain-age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes-ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas-sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos-phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN													
26...	1530	H	9	1028	80020	500	2.8	.620	.920	1.5	.770	.05	.068

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN													
26...	3.5	.07	3.5	7.6	.9	11	1200	2.1	1	.3	57	110	17

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ-ium, 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)	Lantha-num, 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)	Mangan-ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb-denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym-ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN													
26...	31	1	18	1	1	4.7	30	20	49	470	.05	.8	29

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	57	11	18	.6	.2	82	1	1	10	3	.480	150	2

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674437163312500 MUD LAKE C 3.4 MI ABOVE PORT ACCESS ROAD NEAR KIVALINA—Continued

Date	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)
JUN 26...	19	120	2.9

673956163490000 DEADMAN CREEK 2.5 MI BELOW PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Altitude of land surface feet (72000)	Drainage area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnesium, bed sed <62.5um wet svd fld,tot percent (34900)	Potassium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phosphorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN 26...	1415	H	9	1028	80020	350	5.2	2.0	.560	1.4	.240	.14	.090

Date	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)	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)	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 field, 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)
JUN 26...	3.4	.53	2.9	5.2	.6	8.5	580	1.7	1	1.4	38	81	17

Date	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)	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)
JUN 26...	17	1	12	1	1	3.4	21	47	45	950	.09	.9	21

Date	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)	Tantalum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thallium, bed sed <62.5um dry svd total, ug/g (04064)	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)
JUN 26...	53	7	11	1.0	.1	130	1	1	8	2	.280	88	2

Date	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)
JUN 26...	22	390	2.2

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

673705163491800 AUFEIS CREEK 0.8 MI ABOVE PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Altitude of land surface feet (72000)	Drainage area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnesium, bed sed <62.5um wet svd fld,tot percent (34900)	Potassium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phosphorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN 26...	1000	H	9	1028	80020	375	4.4	.390	.640	2.2	.400	.17	.100

Date	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)	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)	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 field, 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)
JUN 26...	4.0	.04	3.9	7.4	1.0	13	1000	2.3	1	.3	57	140	12

Date	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)	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)
JUN 26...	54	1	17	1	1	3.6	31	20	59	370	.17	1.2	32

Date	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)	Tantalum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thallium, bed sed <62.5um dry svd total, ug/g (04064)	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)
JUN 26...	51	10	16	4.3	.4	180	1	1	12	3	.380	140	3

Date	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)
JUN 26...	23	140	3.7

673911163552300 AUFEIS CREEK 2.7 MI BELOW PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Altitude of land surface feet (72000)	Drainage area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnesium, bed sed <62.5um wet svd fld,tot percent (34900)	Potassium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phosphorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN 26...	1125	H	9	1028	80020	200	15.5	.750	.610	2.1	.280	.14	.120

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

673911163552300 AUFEIS CREEK 2.7 MI BELOW PORT ACCESS ROAD NEAR KIVALINA—Continued

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN 26...	2.9	.14	2.7	7.2	.7	13	860	2.0	1	.5	49	140	15

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ-ium, 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)	Lantha-num, 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)	Mangan-ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb-denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym-ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN 26...	25	1	17	1	1	3.7	25	21	62	620	.08	1.0	25

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN 26...	61	10	15	1.5	.2	120	1	1	10	3	.390	140	3

Date	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)
JUN 26...	23	200	3.0

674021163580300 DEADMAN CREEK 6.5 MI BELOW PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col-lecting sample, code (00027)	Agency ana-lyzing sample, code (00028)	Alti-tude of land surface feet (72000)	Drain-age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes-ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas-sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos-phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN 26...	1200	H	9	1028	80020	125	12.8	2.8	.530	1.6	.240	.07	.086

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN 26...	3.2	.76	2.4	5.9	.6	11	750	1.7	1	.6	49	98	17

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674021163580300 DEADMAN CREEK 6.5 MI BELOW PORT ACCESS ROAD NEAR KIVALINA—Continued

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ- ium, 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)	Lantha- num, 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)	Mangan- ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb- denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym- ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN													
26...	20	1	13	1	1	3.6	26	23	56	890	.06	1.0	27

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand- ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen- ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront- ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant- alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall- ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan- ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad- ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb- ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	60	8	13	1.2	.2	210	1	1	9	2	.310	110	2

Date	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)
JUN			
26...	24	220	2.1

674001164012100 AUFEIS CREEK 5.5 MI BELOW PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	Sample type	Agency col- lecting sample, code (00027)	Agency ana- lyzing sample, code (00028)	Alti- tude of land surface feet (72000)	Drain- age area, mi2 (81024)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnes- ium, bed sed <62.5um wet svd fld,tot percent (34900)	Potas- sium, bed sed <62.5um wet svd fld,tot percent (34940)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Phos- phorus, bed sed <62.5um wet svd fld,tot percent (34935)
JUN													
26...	1140	H	9	1028	80020	125	24.4	.540	.550	1.8	.340	.05	.110

Date	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)	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 field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chrom- ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)
JUN													
26...	2.6	.03	2.6	6.3	.7	12	800	2.1	1	.4	51	110	16

Date	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europ- ium, 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)	Lantha- num, 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)	Mangan- ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb- denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym- ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
JUN													
26...	26	1	15	1	1	3.8	28	20	58	880	.08	.9	28

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NORTHWEST ALASKA—Continued

674001164012100 AUFEIS CREEK 5.5 MI BELOW PORT ACCESS ROAD NEAR KIVALINA—Continued

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thall-ium, bed sed <62.5um dry svd total, ug/g (04064)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)
JUN													
26...	52	8	15	1.5	.2	100	1	1	10	2	.330	120	3

Date	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)
JUN			
26...	23	160	3.0