

SOUTHWEST ALASKA

15304400 TAKIKCHAK RIVER NEAR NEWTOK

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- Water years 2004 to September 2005 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	X-sect. looking dwnstrm ft from l bank (00009)	Specif. conduc- tance, wat unf 25 degC (00095)	LoLoca- pH, water, unfltrd field, std units (00400)	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)
OCT								
08...	1342	26.0	80	7.2	3.5	740	12.6	98
08...	1343	20.0	80	7.2	3.5	740	12.6	98
08...	1344	14.0	80	7.2	3.5	740	12.6	98
08...	1345	8.00	80	7.2	3.5	740	12.6	98
08...	1346	2.00	79	7.2	3.5	740	12.6	98
MAR								
24...	1652	6.00	87	7.2	.4	756	14.8	103
24...	1653	8.00	87	7.2	.4	756	14.9	104
24...	1654	10.0	87	7.2	.4	756	14.9	104
24...	1655	12.0	87	7.3	.4	756	14.9	104
24...	1656	14.0	87	7.3	.4	756	14.9	104
MAY								
27...	1245	5.00	42	7.2	2.8	728	--	--
27...	1246	11.0	42	7.2	2.8	728	--	--
27...	1247	17.0	42	7.1	2.8	728	--	--
27...	1248	23.0	42	7.1	2.8	728	--	--
27...	1249	29.0	42	7.1	2.8	728	--	--
SEP								
28...	1122	2.50	75	7.5	3.4	740	12.5	97
28...	1124	8.50	75	7.5	3.4	740	12.6	97
28...	1125	14.5	75	7.5	3.4	740	12.6	97
28...	1126	20.5	75	7.5	3.4	740	12.6	97
28...	1127	26.5	75	7.5	3.4	740	12.6	97

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)	Type of sample related QA data, code (99111)	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)	
OCT	08...	1300	9	9	31.0	9.16	20	10	3044	--	80	7.2	6.9	3.5
MAR	24...	1620	9	9	15.9	9.14	9.8	10	3044	--	87	7.2	-2.0	.5
MAY	27...	1230	9	7	35.0	9.96	104	10	3044	100	42	7.1	12.1	2.8
SEP	28...	1100	9	9	31.0	9.59	55	10	3044	10	75	7.5	7.2	3.4

Date	Color, water, fltrd, Pt-Co units (00080)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	Total coli- form, M-Endo, col/ 100 mL (31501)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potas- sium, water, fltrd, mg/L (00935)	Bicar- bonate, wat flt incrm. titr., mg/L (00453)	Carbon- ate, wat flt incrm. titr., mg/L (00452)	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)	
OCT	08...	5	740	12.6	98	27	32	6.38	3.84	4.08	.49	45	.0	37
MAR	24...	2	756	14.9	104	<1	35	7.03	4.32	4.08	.47	49	.0	40
MAY	27...	20	728	--	--	118	14	2.66	1.67	2.38	.36	19	.0	15
SEP	28...	5	740	12.6	97	56	27	5.49	3.20	3.49	.33	37	.0	31

Date	Alka- linity, wat flt fxd end field, mg/L as CaCO3 (39036)	Sulfate water, fltrd, mg/L (00945)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	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)	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)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Alum- inum, water, fltrd, ug/L (01106)	Anti- mony, water, fltrd, ug/L (01095)	
OCT	08...	38	.9	3.42	<.1	24.1	66	65	<.008	<.06	<.04	.03	4	<.20
MAR	24...	--	.7	3.36	<.2	25.5	71	70	<.008	<.06	<.04	.03	3	<.20
MAY	27...	16	.7	2.07	<.1	11.2	38	30	<.008	<.06	<.04	E.01	21	<.20
SEP	28...	--	1.0	3.64	<.1	19.8	69	55	<.008	<.06	<.04	<.02	7	<.20

SOUTHWEST ALASKA

15304400 TAKIKCHAK RIVER NEAR NEWTOK—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	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)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Mercury, water, fltrd, ug/L (71890)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)
OCT 08...	E.2	6	<.06	<.04	.8	.048	E.2	27	<.08	5.7	<.01	<.4	.20
MAR 24...	<.2	5	<.06	<.04	1.3	.034	<.4	7	<.08	2.1	<.01	<.4	.67
MAY 27...	<.2	4	<.06	<.04	E.4	.053	E.4	55	E.05	4.0	<.01	<.4	.48
SEP 28...	E.09	9	<.06	.05	.93	--	--	28	.48	5.5	<.01	<.4	.62
Date	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Thallium, water, fltrd, ug/L (01057)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)	Cyanide water, fltrd, mg/L (00723)	Di-bromo-methane water unfltrd ug/L (30217)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Tetra-chloro-methane water unfltrd ug/L (32102)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	Tri-bromo-methane water unfltrd ug/L (32104)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Tri-chloro-methane water unfltrd ug/L (32106)
OCT 08...	E.2	<.2	<.04	E.4	<.04	<.01	<.05	<.03	<.06	<.1	<.10	<.1	<.02
MAR 24...	<.4	<.2	<.04	E.4	<.04	<.01	<.05	<.03	<.06	<.1	<.10	<.1	<.02
MAY 27...	<.4	<.2	<.04	1.0	<.04	<.01	<.05	<.03	<.06	<.1	<.10	<.1	<.02
SEP 28...	E.05	<.2	<.04	--	<.04	.01	<.05	<.03	<.06	<.1	<.10	<.1	<.02
Date	Toluene water unfltrd ug/L (34010)	Benzene water unfltrd ug/L (34030)	Acrylonitrile water unfltrd ug/L (34215)	Chlorobenzene water unfltrd ug/L (34301)	Chloroethane, water, unfltrd ug/L (34311)	Ethylbenzene water unfltrd ug/L (34371)	Hexachloroethane, water, unfltrd ug/L (34396)	Bromomethane water unfltrd ug/L (34413)	Chloromethane water unfltrd ug/L (34418)	Di-chloro-methane water unfltrd ug/L (34423)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)
OCT 08...	<.02	<.02	<.8	<.03	<.1	<.03	<.1	<.3	<.2	<.1	<.03	<.08	<.04
MAR 24...	<.02	<.02	<.8	<.03	<.1	<.03	<.1	<.3	<.2	<.1	<.03	<.08	<.04
MAY 27...	E.04	<.02	<.8	<.03	<.1	<.03	<.1	<.3	<.2	<.1	<.03	.18	<.04
SEP 28...	<.02	<.02	<.8	<.03	<.1	<.03	<.1	<.3	<.2	<.1	<.03	<.08	<.04
Date	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)	1,1,2,2-Tetra-chloro-ethane, water, unfltrd ug/L (34516)	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	Di-chloro-di-fluoro-methane water unfltrd ug/L (34668)	Naphthalene, water, unfltrd ug/L (34696)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)
OCT 08...	<.02	<.03	<.04	<.08	<.05	<.03	<.03	<.1	<.03	<.03	<.18	<.5	<.09
MAR 24...	<.02	<.03	<.04	<.08	<.05	<.03	<.03	<.1	<.03	<.03	<.18	<.5	<.09
MAY 27...	<.02	<.03	<.04	<.08	<.05	<.03	<.03	<.1	<.03	<.03	<.18	<.5	<.09
SEP 28...	<.02	<.03	<.04	<.08	<.05	<.03	<.03	<.1	<.03	<.03	<.18	<.5	<.09
Date	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Vinyl chloride, water, unfltrd ug/L (39175)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Hexachlorobutadiene, water, unfltrd ug/L (39702)	cis-1,2-Di-chloro-ethene, water unfltrd ug/L (77093)	Styrene water unfltrd ug/L (77128)	1,1-Di-chloro-propene water unfltrd ug/L (77168)	2,2-Di-chloro-propene water unfltrd ug/L (77170)	1,3-Di-chloro-propene water unfltrd ug/L (77173)	1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222)	Iso-propyl-benzene water unfltrd ug/L (77223)	n-propyl-benzene water unfltrd ug/L (77224)	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)
OCT 08...	<.05	<.1	<.04	<.1	<.02	<.04	<.03	<.05	<.1	<.06	<.04	<.04	<.04
MAR 24...	<.05	<.1	<.04	<.1	<.02	<.04	<.03	<.05	<.1	<.06	<.04	<.04	<.04
MAY 27...	<.05	<.1	<.04	<.1	<.02	<.04	<.03	<.05	<.1	<.06	<.04	<.04	<.04
SEP 28...	<.05	<.1	<.04	<.1	<.02	<.04	<.03	<.05	<.1	<.06	<.04	<.04	<.04

SOUTHWEST ALASKA

15304400 TAKIKCHAK RIVER NEAR NEWTOK—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	2-Chloro-toluene water unfltrd ug/L (77275)	4-Chloro-toluene water unfltrd ug/L (77277)	Bromo-chloro-methane water unfltrd ug/L (77297)	n-Butyl benzene water unfltrd ug/L (77342)	sec-Butyl benzene water unfltrd ug/L (77350)	tert-Butyl benzene water unfltrd ug/L (77353)	4-Iso-propyl-toluene water unfltrd ug/L (77356)	1,2,3-Tri-chloro-propane water unfltrd ug/L (77443)	1,1,1,2-Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613)	1,2-Di-bromo-ethane, water, unfltrd ug/L (77651)	CFC-113 water unfltrd ug/L (77652)	Methyl t-butyl ether, water, unfltrd ug/L (78032)
OCT 08...	<.04	<.05	<.12	<.1	<.06	<.06	<.08	<.18	<.03	<.2	<.04	<.04	<.1
MAR 24...	<.04	<.05	<.12	<.1	<.06	<.06	<.08	<.18	<.03	<.2	<.04	<.04	<.1
MAY 27...	<.04	<.05	<.12	<.1	<.06	<.06	<.08	<.18	<.03	<.2	<.04	<.04	<.1
SEP 28...	<.04	<.05	<.12	<.1	<.06	<.06	<.08	<.18	<.03	<.2	<.04	<.04	<.1

Date	Bromo-benzene water unfltrd ug/L (81555)	Dibromo-chloro-propane water unfltrd ug/L (82625)	Sus-pended sedi-ment concen-tration mg/L (80154)	Sus-pended sedi-ment dis-charge, tons/d (80155)
OCT 08...	<.03	<.5	2	.11
MAR 24...	<.03	<.5	2	.05
MAY 27...	<.03	<.5	9	2.5
SEP 28...	<.03	<.5	3	.45