

QUALITY OF GROUND WATER

SOUTH-CENTRAL ALASKA

MATANUSKA-SUSITNA BOROUGH

613716149394101 -- SB01800229DAAA3001

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June to August 1999 and August to September 2005.

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

Date	Time	Medium code	Sample type	Depth to water level, feet below LSD (72019)	Water level, depth below MP, feet (61055)	Depth of well, below LSD (72008)	Sam-pling condi-tion, code (72006)	Sample treat-ment, code (00115)	Pump or flow period prior to sam-pling, minutes (72004)	Flow rate, instan-taneous gal/min (00059)	Sam-pling method, code (82398)	Sampler type, code (84164)	Specif. conduc-tance, wat unf, uS/cm 25 degC (00095)
AUG 12...	1440	6	9	60.12	62.48	80.	.10	1	83	2.9	4040	4040	301
SEP 13...	1340	6	9	60.03	62.39	80.	.10	1	44	5.9	--	4040	303

Date	pH, water, unfltrd field, std units (00400)	Oxi-dation re-duction poten-tial, mV (00090)	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)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potas-sium, water, fltrd, mg/L (00935)	Bicar-bonate, wat flt incrm, titr., mg/L (00453)
AUG 12...	7.3	-48	26.1	4.8	--	1.7	--	160	54.3	6.77	3.52	1.14	185
SEP 13...	7.3	-68	14.8	4.6	755	1.0	8	--	--	--	--	--	--

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	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, sum of consti-tuents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos-phorus, water, unfltrd field, mg/L (00665)
AUG 12...	152	3.0	1.53	E.1	14.8	174	176	<.002	.071	.15	<.06	.052	<.004
SEP 13...	--	--	--	--	--	--	--	--	--	--	.15	--	.015

Date	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)	Deu-terium/ Protium ratio, water, unfltrd per mil (82082)	O-18 / O-16 ratio, water, unfltrd per mil (82085)	Organic carbon, water, fltrd, mg/L (00681)
AUG 12...	.012	.007	84	76.3	-130	-16.46	.9
SEP 13...	--	--	--	--	-130	-16.51	.8