

QUALITY OF GROUND WATER

SOUTH-CENTRAL ALASKA

MATANUSKA-SUSITNA BOROUGH

613223149511901 -- SB01700329ABBD1020

WATER-QUALITY RECORDS

PERIOD OF RECORD.--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, feet 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 un f, uS/cm 25 degC (00095)
AUG 01...	1410	6	9	1.16	2.74	108	.10	1	165	20.0	4040	4040	210
SEP 09...	1040	6	9	.92	2.50	108	.10	1	49	20.0	4040	4040	215

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., field, mg/L (00453)
AUG 01...	8.4	-87	18.0	6.6	759	1.0	8	87	25.9	5.34	12.7	1.55	123
SEP 09...	8.3	-92	10.0	6.0	762	1.6	13	--	--	--	--	--	--

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, Nitrite sum of water, consti-tuents mg/L (70301)	Nitrite + nitrate water, fltrd, mg/L as N (00613)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Total nitro-gen, wat un f by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos-phorus, water, unfltrd field, mg/L (00665)	
AUG 01...	101	2.7	.59	.1	11.9	123	122	.002	.021	.17	.16	.123	.080
SEP 09...	--	--	--	--	--	--	--	E.001	E.008	.17	.15	.140	.099

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, unfltrd per mil (82082)	O-18 / O-16 ratio, unfltrd per mil (82085)	Organic carbon, water, fltrd, mg/L (00681)
AUG 01...	.075	.061	26	46.0	-132	-16.91	.9
SEP 09...	.074	.063	--	--	-132	-16.87	--