

QUALITY OF GROUND WATER

SOUTH-CENTRAL ALASKA

MATANUSKA-SUSITNA BOROUGH

613605149190001 -- SA01800132CDAC2001

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 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, uS/cm 25 degC (00095)	
AUG 08...	1220	6	9	6.30	10.47	51	.10	1	159	2.9	4040	4040	543	
Date	unfltrd field, std units (00400)	pH, water, (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, fltrd, mg/L (00915)	Magnes-ium, 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 08...	7.4	55	19.5	4.1	765	8.1	62	270	90.7	10.6	6.45	1.61	233	
Date	Alka-linity, wat flt inc tit 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, mg/L (00665)	
AUG 08...	191	6.8	38.2	<.1	14.1	340	306	<.002	5.29	5.26	5.26	<.010	E.003	
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 08...	<.004	<.006	30	1.7	-124	-15.02	.7							