

QUALITY OF GROUND WATER

SOUTH-CENTRAL ALASKA

MATANUSKA-SUSITNA BOROUGH

613450149273701 -- SB01700109ACCD2016

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)	Type of sample related QA data, code (99111)
AUG 10...	1625	6	7	17.63	18.83	42.0	.10	1	84	8.2	4040	4040	30
SEP 13...	1700	6	9	16.70	17.90	42.0	.10	1	46	8.7	--	4040	--

Date	Type of repli-cate, code (99105)	Specif. conduc-tance, uS/cm 25 degC (00095)	pH, 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)
AUG 10...	20.00	229	8.4	-133	--	5.9	--	.3	--	110	31.7	8.68	5.13
SEP 13...	--	231	8.3	-137	14.6	5.9	756	.2	2	--	--	--	--

Date	Potas-sium, water, fltrd, mg/L (00935)	Bicar-bonate, wat flt incrm, field, mg/L (00453)	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, 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)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)
AUG 10...	.94	134	110	5.3	2.62	E.1	12.9	126	133	<.002	<.016	<.06	E.05
SEP 13...	--	--	--	--	--	--	--	--	--	<.004	<.032	<.06	<.06

Date	Ammonia water, fltrd, mg/L as N (00608)	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)	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 10...	.021	.048	.040	.034	51	55.9	-128	-16.39	.4
SEP 13...	.022	.049	.039	.029	--	--	-128	-16.42	.5