

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

SOUTHEAST ALASKA

15052900 -- MENDENHALL RIVER AT BROTHERHOOD BRIDGE AT AUKE BAY

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

PERIOD OF RECORD--Water years 1948-50, 1968, and 2001-05 (discontinued).

Date	Time	Medium code	Sample type	Stream width, feet (000004)	Gage height, feet (000065)	Instantaneous discharge, cfs (000061)	Sampling method, code (823998)	Sampler type, code (84164)	Specific conductance, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Turbidity white light, det ang 90+/-30 corrctd NTRU (63676)
DEC 07...	1415	9	9	158	10.18	346	10	3044	111	6.9	- .5	.5	67
FEB 01...	1200	9	9	146	--	295	10	3044	797	7.2	.0	.5	24
JUN 07...	0900	9	9	199	12.24	2230	10	3054	33	7.0	10.0	5.0	--
SEP 07...	1100	9	9	214	14.55	5120	10	3054	22	7.0	12.5	3.0	71

Date	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	Calcium unfltrd recover -able, mg/L (00916)	Magnesium, water, unfltrd recover -able, mg/L (00927)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Barium, water, unfltrd recover -able, ug/L (01007)	Cadmium, water, unfltrd recover -able, ug/L (01027)	Copper, water, unfltrd recover -able, ug/L (01042)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, unfltrd recover -able, ug/L (01051)
DEC 07...	737	--	--	10.0	3.93	24	20	.1	162	<.22	3	4570	E.7
FEB 01...	744	12.6	90	12.2	14.0	29	24	.1	65	<.22	2	2040	<1
JUN 07...	757	12.9	102	5.03	1.65	11	9	<.1	105	<.22	1	2920	<1
SEP 07...	755	13.2	99	4.29	2.46	8	7	E.07	154	.04	5.08	4980	.9

Date	Manganese, water, unfltrd recover -able, ug/L (01055)	Selenium, water, unfltrd recover -able, ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01077)	Zinc, water, unfltrd recover -able, ug/L (01092)
DEC 07...	89.3	<2.6	<.26	15
FEB 01...	50.1	<2.6	<.26	8
JUN 07...	47.4	<2.6	<.26	6
SEP 07...	79.5	.1	<.16	18