



Water-Data Report 2006

462918112170801 BEATRICE MINE TRIBUTARY AT MOUTH, NEAR RIMINI, MT

Upper Missouri Basin
Tenmile Subbasin

LOCATION.--Lat 46°29'18", long 112°17'08" referenced to North American Datum of 1927, in SW ¼ SW ¼ SW ¼ sec.31, T.9 N., R.5 W., Lewis and Clark County, MT, Hydrologic Unit 10030101, 400 ft upstream from old logging road crossing, about 1,000 ft upstream from confluence with Minnehaha Creek, and 1.5 mi southwest of Rimini.

DRAINAGE AREA.--0.24 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 2000 to current year.

GAGE.--None. Elevation at site is 5,660 ft, referenced to the National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 1 of 2

Date	Time	Instantaneous discharge, cfs (00061)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Arsenic, water, fltrd, ug/L (01000)	Arsenic, water, unfltrd, ug/L (01002)	Cadmium, water, fltrd, ug/L (01025)	Cadmium, water, unfltrd, ug/L (01027)
May 16...	1100	1.1	7.3	53	19.5	2.0	18	5.73	.898	1.4	1.8	.05	.08
Sep 12...	1030	.04	7.0	100	24.5	9.0	33	10.4	1.75	.53	.81	.06	.31

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 2 of 2

[Remark codes: <, less than.]

Date	Copper, water, fltrd, ug/L (01040)	Copper, water, unfltrd recover-able, ug/L (01042)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recover-able, ug/L (01051)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover-able, ug/L (01092)	Suspnd. sedi-ment, sieve diametr percent <.063mm (70331)	Suspended sedi-ment concen-tration mg/L (80154)	Suspended sedi-ment dis-charge, tons/d (80155)
May 16...	22.2	26.4	.33	1.67	6.8	7	70	6	.02
Sep 12...	6.8	7.5	<.08	.07	6.7	6	50	1	<.01