



Water-Data Report 2006

455136105401001 PUMPKIN CREEK ABOVE DEER CREEK, NEAR VOLBORG, MT

Tongue Basin
Lower Tongue Subbasin

LOCATION.--Lat 45°51'36", long 105°40'10" referenced to North American Datum of 1927, in NW ¼ NW ¼ SW ¼ sec.31, T.4 N., R.50 E., Custer County, MT, Hydrologic Unit 10090102, at bridge on Powderville Road, 0.5 mi east of State Highway 59, and about 31 mi southeast of Miles City.

DRAINAGE AREA.--Not determined.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 2006 to April 2006.

GAGE.--None. Elevation at sampling site is 2,690 ft, referenced to the National Geodetic Vertical Datum of 1929.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 3

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd, std units (00400)	Specific 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)	Potassium, water, fltrd, mg/L (00935)
Mar 07...	0930	3.3	685	12.4	95	8.0	1,010	8.0	0.0	160	29.9	20.9	11.7
Apr 11...	1400	7.2	696	8.8	92	7.9	719	17.0	13.0	110	22.0	12.4	7.25

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 3

Date	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue, sum of constituents, mg/L (70301)	Residue, water, fltrd, tons/acre-ft (70303)	Residue, water, dis-solved, tons/d (70302)	Mercury, water, unfltrd, ng/L (50286)
Mar 07...	6	163	168	7.16	.28	8.67	314	657	.89	5.85	15.6
Apr 11...	5	114	144	2.71	.28	9.88	203	458	.62	8.89	25.5

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**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO
SEPTEMBER 2006**

Part 3 of 3

Date	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
Mar 07...	99	71	.63
Apr 11...	99	349	6.8