



Water-Data Report 2006

06308170 LITTLE PUMPKIN CREEK NEAR VOLBORG, MT

Tongue Basin
Lower Tongue Subbasin

LOCATION.--Lat 45°46'46", long 105°43'34" referenced to North American Datum of 1927, in SW ¼ SW ¼ NE ¼ sec.6, T.1 S., R.49 E., Powder River County, MT, Hydrologic Unit 10090102, 0.5 mi southwest of Little Pumpkin Creek and Pumpkin Creek confluence, 4.5 mi southwest of Volborg and about 3 mi west of MT highway 59 on Big Pumpkin Creek Road, and about 9 mi north of U.S. Highway 212.

DRAINAGE AREA.--101 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1976-1977, April 2006.

GAGE.--None. Elevation at site 3,040 ft, referenced to the National Geodectic Vertical Datum of 1929.

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

Part 1 of 3

Date	Time	Instan- taneous dis- charge, cfs (00061)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd std units (00400)	Specif. conduc- tance, wat unf 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)
Apr 11...	1215	.27	687	6.4	68	8.0	7,180	18.0	12.5	2,700	253	504	33.7

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

Part 2 of 3

Date	Sodium adsorp- tion ratio (00931)	Sodium water, fltrd, mg/L (00930)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Residue water, dis- solved, tons/d (70302)	Mercury water unfltrd ng/L (50286)
Apr 11...	9	1,040	703	22.8	.69	10.5	4,160	6,440	8.76	4.70	1.23

06308170 LITTLE PUMPKIN CREEK NEAR VOLBORG, MT—Continued

**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)
Apr			
11...	41	76	.06