



Water-Data Report 2006

450137106595101 YOUNGS CREEK NEAR RESERVATION BOUNDARY, NEAR DECKER, MT

Tongue Basin
Upper Tongue Subbasin

LOCATION.--Lat 45°01'37", long 106°59'51" referenced to North American Datum of 1927, in SE ¼ NW ¼ SE ¼ sec.25, T.9 S., R.83 E., Big Horn County, MT, Hydrologic Unit 10090101, at dirt road crossing about 7 mi upstream from Wyoming Highway 338, 1.5 mi northeast of Pearl School, and 6.5 mi west of Decker.

DRAINAGE AREA.--21.5 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2002 to current year.

GAGE.--None. Elevation at sampling site is 3,780 ft, referenced to the National Geodetic Vertical Datum of 1929.

REMARKS.--Water-quality sample was collected in conjunction with biological sample (fish and aquatic macro invertebrates). Biological data are not yet available for publication.

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

Part 1 of 2

Date	Time	Instan- taneous dis- charge, cfs (00061)	Turbdty white light, 90+/-30 corrctd NTRU (63676)	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 uS/cm 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)
Jun 28...	1600	.36	85	663	7.2	96	8.4	704	34.5	22.0	370	62.5	51.1

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

Part 2 of 2

Date	Potas- sium, water, fltrd, mg/L (00935)	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)
Jun 28...	7.17	.4	17.2	373	1.58	.66	18.8	30.4	413	.56	.40