



Water-Data Report 2006

451732106085001 OTTER CREEK BELOW TAYLOR CREEK, NEAR OTTER, MT

Tongue Basin
Lower Tongue Subbasin

LOCATION.--Lat 45°17'32", long 106°08'50" referenced to North American Datum of 1927, in NE ¼ NE ¼ NW ¼ sec.30, T.6 S., R.46 E., Powder River County, MT, Hydrologic Unit 10090102, at county road crossing, 0.5 mi downstream from Taylor Creek, and 6.0 mi north of Otter.

DRAINAGE AREA.--Not determined.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1976 to October 1978, July 2005 to current year.

GAGE.--None. Elevation of site is 3,250 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	Instantaneous discharge, cfs (00061)	Turbidity white light, 90+/-30 corrctd NTRU (63676)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, 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)
Jul 12...	1400	.10	3.2	658	12.1	177	8.6	3,510	37.0	26.5	1,200	91.2	235

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

Part 2 of 2

Date	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, water fltrd 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, water, fltrd, sum of constituents mg/L (70301)	Residue, water, fltrd, tons/acre-ft (70303)	Residue, water, dissolved, tons/d (70302)
Jul 12...	20.3	6	444	500	14.0	.77	13.4	1,660	2,780	3.78	.75