



Water-Data Report 2009

06284500 BITTER CREEK NEAR GARLAND, WY

Big Horn Basin
Shoshone Subbasin

LOCATION.--Lat 44°45'13", long 108°35'29" referenced to North American Datum of 1927, in SW ¼ SW ¼ SW ¼ sec.7, T.55 N., R.97 W., Big Horn County, WY, Hydrologic Unit 10080014, 100 ft downstream from bridge on county road, 1.0 mi upstream from mouth, 4.0 mi southeast of Garland, and 5.0 mi southwest of Byron.

DRAINAGE AREA.--80.5 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1951-53, 1958-61, 1969 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1969 to September 1983.

WATER TEMPERATURES: July 1969 to September 1983.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Baro- metric pres- sure, mm Hg (00025)	Temper- ature, air, deg C (00020)	Instan- taneous dis- charge, ft ³ /s (00061)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm @ 25 degC (00095)	Temper- ature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)
Nov 07...	0740	659	8.0	39	13.0	116	8.2	1,160	4.4	<.020	5.07	.023	E.008
Mar 03...	1745	611	9.0	23	11.7	127	9.0	1,320	8.9	.027	4.02	.036	.070
Apr 29...	1650	656	8.0	173	9.5	98	8.2	543	9.8	.130	2.01	.040	.083
Aug 25...	1745	658	29.0	392	10.1	122	7.9	554	17.3	<.020	1.93	.007	.059

06284500 BITTER CREEK NEAR GARLAND, WY—Continued

**WATER-QUALITY
DATA
WATER YEAR
OCTOBER 2008 TO
SEPTEMBER 2009**

Part 2 of 2

[Remark codes:
<, less than;
E, estimated.]

Date	E coli, modif. m-TEC, water, col/ 100 mL (90902)
Nov 07...	190
Mar 03...	73
Apr 29...	480
Aug 25...	300
