



Water-Data Report 2009

433431110501101 Local number 42-117-25bcd01

Undefined Aquifer
 Holocene Alluvium
 Teton County, WY

LOCATION.--Lat 43°34'30.7", long 110°50'11.3" referenced to North American Datum of 1983, in SE ¼ SW ¼ NW ¼ sec.25, T.4 2., R.11 7., Teton County, WY, Hydrologic Unit 17040103.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 8.50 ft. Upper casing diameter 1 in; top of first opening 3.5 ft, bottom of last opening 8.5 ft.

DATUM.--Land-surface datum is 6,275 ft above National Geodetic Vertical Datum of 1929. Measuring point: .45 ft above land-surface datum, May 10, 2007, to present.

PERIOD OF RECORD.--May 2007 to current year.

REMARKS.--Water-quality samples collected in cooperation with the Teton Conservation District.

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

Part 1 of 2

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

Date	Time	Temperature, air, deg C (00020)	Depth to water level, below LSD, meters (30210)	Depth to water level, below LSD (72019)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd @ 25 degC (00095)	Temperature, 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-phosphate, water, fltrd, mg/L as P (00671)
Oct 23...	1210	E5.0	.753	2.47	3.4	--	6.9	205	10.9	<.020	.321	<.002	.044
Apr 30...	1915	.0	.616	2.02	6.6	--	7.2	325	5.2	<.020	4.31	<.002	.056
Aug 17...	1315	19.0	.232	.76	5.0	48	7.2	243	13.7	<.020	.290	<.002	.050

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 2

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

Date	Phos- phorus, water, flt'd, mg/L as P (00666)	Phos- phorus, water, unflt'd mg/L as P (00665)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	Total nitro- gen, wat unf by anal ysis, mg/L (62855)	N-15 / N-14 in nitrate water, flt'd, per mil (82690)	O-18 / O-16 ratio in nitrate wat flt per mil (63041)
Oct 23...	.044	.046	.43	.32	--	--
Apr 30...	.055	.057	4.17	4.39	9.40	-5.04
Aug 17...	.046	.052	.34	.30	--	--