



Water-Data Report 2009

462500112170501 UNNAMED STREAM (LAD 2) DRAINING LUTTRELL REPOSITORY AREA, NEAR RIMINI, MT

Missouri Headwaters Basin
Boulder Subbasin

LOCATION.--Lat 46°25'00", long 112°17'05" referenced to North American Datum of 1983, in NW ¼ SW ¼ NW ¼ sec.30, T.8 N., R.5 W., Jefferson County, MT, Hydrologic Unit 10020006.

DRAINAGE AREA.--Not determined.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 2004 to current year.

GAGE.--None. Elevation at sampling location is 7,560 ft, referenced to the National Geodetic Vertical Datum of 1929.

REMARKS.--Site was visited on Aug. 26 but sample was not collected due to no flow.

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

Part 1 of 3
[Remark codes E, estimated.]

Date	Time	Instantaneous discharge, ft ³ /s (00061)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf μS/cm @ 25 degC (00095)	Temperature, deg C (00010)	Dis-solved solids, sum of consti-tuents, mg/L (70301)	Dis-solved solids, tons/ acre-ft (70303)	Dis-solved solids, water, mg/L as CaCO3 (70302)	Hard-ness, mg/L as CaCO3 (00900)	Calcium water, ftrd, mg/L (00915)	Magnes-ium, water, ftrd, mg/L (00925)	Potas-sium, water, ftrd, mg/L (00935)	Sodium adsorp-tion ratio (00931)
Jun 29...	1500	.003	5.9	75	8.8	E53	E.07	E.00	22	5.71	1.86	.98	.4

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

Part 2 of 3
[Remark codes: <, less than; E, estimated.]

Date	Sodium, water, ftrd, mg/L (00930)	Alka-linity, wat ftd fxd end lab, mg/L as CaCO3 (29801)	Chlor-ide, water, ftrd, mg/L (00940)	Fluor-ide, water, ftrd, mg/L (00950)	Silica, water, ftrd, mg/L as SiO2 (00955)	Sulfate water, ftrd, mg/L (00945)	Alum-inum, water, ftrd, μg/L (01106)	Cadmium water, ftrd, μg/L (01025)	Cadmium water, unfltrd, μg/L (01027)	Copper, water, ftrd, μg/L (01040)	Copper, water, unfltrd recover-able, μg/L (01042)	Iron, water, ftrd, μg/L (01046)	Iron, water, unfltrd recover-able, μg/L (01045)
Jun 29...	4.01	E7	.50	<.08	11.1	24.8	41.1	.06	.06	1.6	<4.0	19	28

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 3

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

Date	Lead,		Mangan-		Zinc,		Arsenic	Arsenic
	water,	Lead,	ese,	water,	water,	Arsenic	water,	water,
	fltrd,	unfltrd	water,	unfltrd	fltrd,	unfltrd	fltrd,	unfltrd
	-able,	recover	fltrd,	recover	-able,	recover	fltrd,	unfltrd
	μg/L							
	(01049)	(01051)	(01056)	(01055)	(01090)	(01092)	(01000)	(01002)
Jun								
29...	<.06	E.05	1.6	1.8	6.3	5.8	1.1	1.1