



Water-Data Report 2009

462500112170201 UNNAMED STREAM (LAD 1) DRAINING LUTTRELL REPOSITORY AREA, NEAR RIMINI, MT

Missouri Headwaters Basin
Boulder Subbasin

LOCATION.--Lat 46°25'00", long 112°17'02" referenced to North American Datum of 1983, in NE 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 5

[Remark codes: <, less than; 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, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium adsorp-tion ratio (00931)
Jun 29...	1530	.003	5.6	42	7.5	E35	E.05	E.00	11	3.18	.852	.64	.4

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

Part 2 of 5

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

Date	Sodium, water, fltrd, mg/L (00930)	Alka-linity, wat ftd 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 as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Alum-inum, water, fltrd, μg/L (01106)	Alum-inum, water, unfltrd recover-able, μg/L (01105)	Beryll-ium, water, fltrd, μg/L (01010)	Beryll-ium, water, unfltrd recover-able, μg/L (01012)	Cadmium water, fltrd, μg/L (01025)	Cadmium water, unfltrd, μg/L (01027)	Chrom-ium, water, fltrd, μg/L (01030)
Jun 29...	3.18	E5	.52	<.08	11.1	12.7	113	192	.14	.16	.04	E.03	.15

462500112170201 UNNAMED STREAM (LAD 1) DRAINING LUTTRELL REPOSITORY AREA, NEAR RIMINI, MT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 5

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

Date	Chromium, water, unfltrd recover-able, µg/L (01034)	Cobalt water, unfltrd recover-able, µg/L (01035)	Cobalt water, unfltrd recover-able, µg/L (01037)	Copper, water, unfltrd recover-able, µg/L (01040)	Copper, water, unfltrd recover-able, µg/L (01042)	Iron, water, unfltrd recover-able, µg/L (01046)	Iron, water, unfltrd recover-able, µg/L (01045)	Lead, water, unfltrd recover-able, µg/L (01049)	Lead, water, unfltrd recover-able, µg/L (01051)	Manganese, water, unfltrd recover-able, µg/L (01056)	Manganese, water, unfltrd recover-able, µg/L (01055)	Nickel, water, unfltrd recover-able, µg/L (01065)	Nickel, water, unfltrd recover-able, µg/L (01067)
Jun 29...	<.40	.06	E.07	2.7	E3.0	68	92	.14	.21	6.6	7.6	.55	.59

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 5

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

Date	Silver, water, unfltrd recover-able, µg/L (01075)	Silver, water, unfltrd recover-able, µg/L (01077)	Thallium, water, unfltrd, µg/L (01057)	Thallium, water, unfltrd, µg/L (01059)	Vanadium, water, unfltrd, µg/L (01085)	Vanadium, water, unfltrd, µg/L (01087)	Zinc, water, unfltrd, µg/L (01090)	Zinc, water, unfltrd recover-able, µg/L (01092)	Antimony, water, unfltrd, µg/L (01095)	Antimony, water, unfltrd, µg/L (01097)	Arsenic, water, unfltrd, µg/L (01000)	Arsenic, water, unfltrd, µg/L (01002)	Selenium, water, unfltrd, µg/L (01145)
Jun 29...	<.008	<.06	<.04	<.12	.24	<2	3.1	3.4	.13	<.4	1.1	1.1	E.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 5

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

Date	Selenium, water, unfltrd, µg/L (01147)
Jun 29...	<.12