



Water-Data Report 2008

**380809082022601 MUD RIVER NEAR SPURLOCKVILLE, WV**

Guyandotte Basin  
Lower Guyandotte Subbasin

LOCATION.--Lat 38°08'08.8", long 82°02'26.1" referenced to North American Datum of 1983, Lincoln County, WV, Hydrologic Unit 05070102.

**WATER-QUALITY RECORDS**

REMARKS.--Selenium samples were collected from five sites in the upper Mud River Basin in support of USGS National Research Program efforts to further understand selenium fate and transport. Each of the five sites were visited twice, once to collect water samples for the determination of selenium concentrations in stream water and suspended sediment, and once to collect bottom material to be analyzed for selenium concentrations.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Time	Selenium, water, fltrd, µg/L (01145)	Selenium, water, unfltrd µg/L (01147)	Selenium, suspnd sedimnt total, ug/g (29847)	Selenium, bed sedimnt recover -able, ug/g (64848)	Suspended sediment concentration mg/L (80154)
<b>Jun</b>						
05...	1625	5.5	5.2	7	--	40
26...	1320	--	--	--	.6	--