



Water-Data Report 2008

394939079191501 Local number SO 869

Pennsylvanian aquifers
 Allegheny Group
 Somerset County, PA

LOCATION.--Lat 39°49'40", long 79°19'15" referenced to North American Datum of 1983, Somerset County, PA, Hydrologic Unit 05020006, 600 ft north of intersection of Route 281 and SR3007, and 0.5 mi northeast of Ursina.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 130 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 1375 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.0 ft above land-surface datum, July 25, 2007, to present.

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

REMARKS.--Samples collected as part of the Laurel Hill Creek Watershed Assessment Project.

COOPERATION.--Station established and maintained by the U.S. Geological Survey in cooperation with the Somerset County Conservation District.

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

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Depth to water level, feet below LSD (72019)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf μS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Acidity water, fltrd, heated, mg/L as CaCO3 (70504)	Alkalinity, wat flt fxd end field, mg/L as CaCO3 (00418)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)
Oct 02...	0915	28.82	.8	7.5	689	12.9	78.9	17.5	38.7	-170	177	13.2	7.95

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

Part 2 of 2

[Remark codes: <, less than.]

Date	Sulfate water, fltrd, mg/L (00945)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Arsenic water, fltrd, μg/L (01000)	Iron, water, fltrd, μg/L (01046)	Manganese, water, fltrd, μg/L (01056)
Oct 02...	149	<.04	<.002	<.06	418	30.1