



Water-Data Report 2008

400013079164401 Local number SO 870

Pennsylvanian aquifers
 Mauch Chunk Formation
 Somerset County, PA

LOCATION.--Lat 40°00'13", long 79°16'44" referenced to North American Datum of 1983, Somerset County, PA, Hydrologic Unit 05020006, on Pritts Distillery Road, 300 ft west of intersection with SR3039, and 1.7 mi south-southeast of Seven Springs.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 145 ft. Upper casing diameter 8 in; top of first opening 45 ft, bottom of last opening 145 ft.

DATUM.--Land-surface datum is 2150 ft above North American Vertical Datum of 1988. Measuring point: TOC IN WELL PIT, -1.10 ft above land-surface datum, Aug. 1, 2007, to present.

PERIOD OF RECORD.--August 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

Date	Time	Depth to water level, feet below LSD (72019)	Oxidation-reduction potential, mV (00090)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfiltered, μ S/cm 25 degC (00095)	Temperature, deg C (00010)	Calcium, water, fltrd, mg/L (00915)	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)	Sulfate, water, fltrd, mg/L (00945)
Oct													
03...	1000	26.30	202	5.9	7.4	410	10.2	49.1	21.8	-77	84	71.4	9.05
03...	1001	26.30	202	5.9	7.4	410	10.2	48.1	21.4	--	84	71.4	9.09

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

Part 2 of 2

Date	Nitrate + nitrite, water, fltrd, mg/L as N (00631)	Arsenic, water, fltrd, μ g/L (01000)	Iron, water, fltrd, μ g/L (01046)	Manganese, water, fltrd, μ g/L (01056)
Oct				
03...	.31	.17	528	193
03...	.31	.19	527	204