



Water-Data Report 2008

400012079122501 Local number SO 857

Pennsylvanian aquifers
 Casselman Formation
 Somerset County, PA

LOCATION.--Lat 40°00'17", long 79°12'27" referenced to North American Datum of 1983, Somerset County, PA, Hydrologic Unit 05020006, on Potato Farm Road, 200 ft north of intersection with Indiantown Road, and 0.5 mi east-southeast of Indiantown.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 125 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 2228 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 0.12 ft above land-surface datum, July 23, 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**

| Date | Time | Depth to water level, feet below LSD (72019) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf μS/cm 25 degC (00095) | Temper-ature, deg C (00010) | Calcium water, fltrd, mg/L (00915) | Acidity water, heated, mg/L as CaCO3 (70504) | Alka-linity, wat flt fxd end field, mg/L as CaCO3 (00418) | Silica, water, fltrd, mg/L (00955) | Sulfate water, fltrd, mg/L (00945) | Iron, water, fltrd, μg/L (01046) | Mangan-ese, water, fltrd, μg/L (01056) |
|-----------|------|--|---------------------------------|---|---|-----------------------------|------------------------------------|--|---|------------------------------------|------------------------------------|----------------------------------|--|
| Oct 01... | 1430 | 32.30 | .5 | 7.5 | 243 | 11.3 | 36.6 | -110 | 111 | 12.6 | 6.82 | 345 | 41.2 |