



Water-Data Report 2007

**395119079185401 SO SP 153**

Monongahela Basin  
Youghiogheny Subbasin

LOCATION.--Lat 39°51'03", long 79°18'46" referenced to North American Datum of 1983, Somerset County, PA, Hydrologic Unit 05020006, on SR3007, 0.5 mi north of Chicken Bone Hollow Road, 0.5 mi south of Clevenger Road, and 0.4 mi south of Humbert.

**WATER-QUALITY RECORDS**

DATUM.--Land-surface datum is 1430 ft above North American Vertical Datum of 1988. Measuring point: Undefined.

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 2006 TO SEPTEMBER 2007**

Part 1 of 2

[Remark codes: <, less than.]

| Date         | Time | Dis-charge,<br>gal/min<br>(50042) | Oxi-<br>dation<br>re-<br>duction | Dis-<br>solved<br>oxygen,<br>mg/L<br>(00300) | pH,<br>water,<br>unfltrd<br>field,<br>std<br>units<br>(00400) | Specif-<br>ic<br>conduc-<br>tance,<br>wat unf<br>µS/cm<br>25 degC<br>(00095) | Calcium<br>water,<br>fltrd,<br>mg/L<br>(00915) | Magnes-<br>ium,<br>water,<br>fltrd,<br>mg/L<br>(00925) | Sodium,<br>water,<br>fltrd,<br>mg/L<br>(00930) | Acidity<br>water,<br>fltrd<br>heated,<br>mg/L as<br>CaCO3 | Alka-<br>linity,<br>wat flt<br>fxd end<br>field,<br>mg/L as<br>CaCO3<br>(00418) | Chlor-<br>ide,<br>water,<br>fltrd,<br>mg/L<br>(00940) | Silica,<br>water,<br>fltrd,<br>mg/L<br>(00955) |
|--------------|------|-----------------------------------|----------------------------------|--|---|--|--|--|--|---|---|---|--|
|              |      |                                   | poten-<br>tial,<br>mV<br>(00090) |  | water,<br>unfltrd<br>std<br>units<br>(00095)                  | water,<br>fltrd,<br>mg/L<br>(00915)  | water,<br>fltrd,<br>mg/L<br>(00925)            | water,<br>fltrd,<br>mg/L<br>(00930)                    | mg/L as<br>CaCO3                               | mg/L as<br>CaCO3<br>(00418)                               | mg/L<br>(00940)   | mg/L<br>(00955)                                       |  |
| Jul<br>25... | 1100 | 2.0                               | 330                              | 5.5  | 6.8   | 191  | 29.3   | 3.92   | 2.98   | -57   | 61  | 4.35  | 5.65   |

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 2 of 2

[Remark codes: <, less than.]

| Date         | Sulfate<br>water,<br>fltrd,<br>mg/L<br>(00945) | Nitrate<br>+<br>nitrite<br>water<br>fltrd,<br>mg/L<br>as N<br>(00631) | Nitrite<br>water,<br>fltrd,<br>mg/L<br>as N<br>(00613) | Arsenic<br>water,<br>fltrd,<br>µg/L<br>(01000) | Iron,<br>water,<br>fltrd,<br>µg/L<br>(01046) | Mangan-<br>ese,<br>water,<br>fltrd,<br>µg/L<br>(01056) |
|--------------|--|---|--|--|--|--|
|              | mg/L<br>(00945)                                | mg/L<br>as N<br>(00631)   | mg/L<br>as N<br>(00613)                                | µg/L<br>(01000)                                | µg/L<br>(01046)                              | µg/L<br>(01056)  |
| Jul<br>25... | 21.7   | .38   | .002   | .18  | <6   | 1.0  |