



Water-Data Report 2007

**03079708 BLUE HOLE CREEK ABOVE CONFLUENCE NEAR BARRONVALE, PA**

Monongahela Basin  
Youghiogheny Subbasin

LOCATION.--Lat 39°57'32", long 79°17'07" referenced to North American Datum of 1983, Somerset County, PA, Hydrologic Unit 05020006, south of Fall Run Road, 30 ft west of intersection with Gary Road, and 0.8 mi northwest of Barronvale.

DRAINAGE AREA.--5.83 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--June 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	Altitude of land surface feet (72000)	Instantaneous discharge cfs (00061)	Dissolved oxygen mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd, $\mu$ S/cm 25 degC (00095)	Temperature, 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 ( )	Alkalinity, wat flt fxd end field, mg/L as CaCO3 (00418)	Chloride, water, fltrd, mg/L (00940)
Jun 27...	0930	1,830	.75	9.4	6.6	65	14.8	--	--	--	--	--	--
Sep 18...	1530	1,830	.88	9.7	7.3	77	12.7	6.44	1.83	3.92	-4.6	10	11.7

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

Part 2 of 2

[Remark codes: <, less than.]

Date	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unfltrd, by analysis, mg/L (62855)	Phosphorus, water, unfltrd, mg/L (00665)	Aluminum, water, fltrd, $\mu$ g/L (01106)	Iron, water, fltrd, $\mu$ g/L (01046)	Manganese, water, fltrd, $\mu$ g/L (01056)
Jun 27...	--	--	--	--	--	--	--	--	--
Sep 18...	5.94	<.020	.27	<.002	.28	<.02	9.5	<6	2.7