



Water-Data Report 2007

**03079740 LOST CREEK AT BARRONVALE, PA**

Monongahela Basin  
Youghiogheny Subbasin

LOCATION.--Lat 39°56'51", long 79°15'57" referenced to North American Datum of 1983, Somerset County, PA, Hydrologic Unit 05020006, 50 ft west of Covered Bridge Road, 0.4 mi west of intersection with Barron Church Road at Barronvale.

DRAINAGE AREA.--4.16 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: E, estimated.]

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 25...	1645	1,760	.24	8.2	7.4	54	17.8	15.0	3.21	7.56	-30	37	11.4
Sep 18...	1445	1,760	.24	8.9	7.5	107	13.1	--	--	--	-29	34	5.70

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

Part 2 of 2

[Remark codes: E, estimated.]

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, fltrd, mg/L (00666)	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 25...	10.1	.330	1.52	.067	2.07	.10	.11	17.2	34	15.3
Sep 18...	--	--	.30	--	.48	--	E.01	18.0	--	--