



Water-Data Report 2007

03079993 LAUREL HILL CREEK NEAR HUMBERT, PA

Monongahela Basin
Youghiogheny Subbasin

LOCATION.--Lat 39°50'24", long 79°19'23" referenced to North American Datum of 1983, Somerset County, PA, Hydrologic Unit 05020006, 50 ft downstream of covered bridge at intersection of Covered Bridge Road and Humbert Road, and 1.2 mi south-southwest of Humbert.

DRAINAGE AREA.--119 mi².

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; 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 μS/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 26...	0830	1,400	20	8.7	7.2	210	20.5	14.0	2.48	22.5	-18	23	39.0
Jun 26...	0831	1,400	20	8.7	7.2	210	20.5	13.7	2.41	21.9	-18	23	39.0
Sep 18...	0830	1,400	18	9.5	7.1	178	12.1	--	--	--	-20	25	30.1

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

Part 2 of 2

[Remark codes: <, less than; 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, μg/L (01106)	Iron, water, fltrd, μg/L (01046)	Manganese, water, fltrd, μg/L (01056)
Jun 26...	11.2	<.020	.21	E.001	.36	E.01	<.02	10.9	12	9.0
Jun 26...	11.3	<.020	.22	E.001	.35	E.01	<.02	11.5	13	9.1
Sep 18...	--	--	.34	--	.44	--	<.02	5.5	--	--