



Water-Data Report 2007

03079447 LAUREL HILL CREEK BELOW RESERVOIR AT BAKERSVILLE, PA

Monongahela Basin
Youghiogheny Subbasin

LOCATION.--Lat 40°02'38", long 79°12'11" referenced to North American Datum of 1983, Somerset County, PA, Hydrologic Unit 05020006, 50 ft below filtration reservoir along Beck Road, 2,500 ft south of intersection with West Bakersville Edie Road, and 0.6 mi east-northeast of Bakersville.

DRAINAGE AREA.--26.3 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: 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, heated, fltrd, mg/L as CaCO3 ()	Alkalinity, wat fltrd, mg/L as CaCO3 (00418)	Chloride, water, fltrd, mg/L (00940)
Jun 25...	1145	1,980	2.8	9.1	7.6	326	21.1	17.3	2.98	54.4	-26	31	95.0
Sep 17...	0945	1,980	2.7	9.2	6.9	277	14.5	--	--	--	-29	35	53.1

**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, µg/L (01106)	Iron, water, fltrd, µg/L (01046)	Manganese, water, fltrd, µg/L (01056)
Jun 25...	9.04	.041	.26	.004	.53	E.01	E.02	16.9	74	201
Sep 17...	--	--	.40	--	.72	--	.02	16.5	--	86.3