



Water-Data Report 2007

03079990 PADDYTOWN HOLLOW AT HUMBERT NEAR CONFLUENCE, PA

Monongahela Basin
Youghiogheny Subbasin

LOCATION.--Lat 39°50'37", long 79°18'46" referenced to North American Datum of 1983, Somerset County, PA, Hydrologic Unit 05020006, 20 ft upstream of Humbert Road, 400 ft west of intersection with Chicken Bone Road, and 3.1 mi northeast of Confluence.

DRAINAGE AREA.--3.23 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, μ 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 26...	0915	1,400	.10	8.6	7.3	157	17.1	16.5	3.97	6.00	-34	42	12.3
Sep 19...	0800	1,400	.19	--	6.4	166	11.1	--	--	--	--	--	--

**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, μ g/L (01106)	Iron, water, fltrd, μ g/L (01046)	Manganese, water, fltrd, μ g/L (01056)
Jun 26...	14.3	<.020	.69	E.001	.83	.04	.04	3.6	7	3.2
Sep 19...	--	--	--	--	--	--	--	--	--	--