



Water-Data Report 2007

395310079164501 Local number SO 871

Pennsylvanian aquifers
 Glenshaw Formation
 Somerset County, PA

LOCATION.--Lat 39°53'10", long 79°16'45" referenced to North American Datum of 1983, Somerset County, PA, Hydrologic Unit 05020006, on Clevenger Road, 1,500 ft south of intersection with SR3007, and 1.2 mi south-southwest of Kingwood.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 85 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 2150 ft above North American Vertical Datum of 1988. Measuring point: TOP OF CASING, 0.60 ft above land-surface datum, Aug. 1, 2007, to present.

PERIOD OF RECORD.--August 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	Oxi-	Dis-	pH,	Specif-	Temper-	Calcium	Magnes-	Sodium,	Acidity	Alka-	Chlor-	Silica,
		duction		solved	water,					ic	water,		
		poten-	oxygen,	unfltrd	conduc-	ature,	water,	ium,	water,	water,	wat flt	water,	water,
		tial,	mg/L	field,	tance,	water,	fltrd,	fltrd,	fltrd,	heated,	end	fltrd,	fltrd,
		mV	std	std	μS/cm	deg C	mg/L	mg/L	mg/L	mg/L as	field,	mg/L	mg/L
		(00090)	(00300)	units	25 degC	(00010)	(00915)	(00925)	(00930)	CaCO3	mg/L as	(00940)	(00955)
		(00090)	(00300)	(00400)	(00095)	(00010)	(00915)	(00925)	(00930)	(70508)	CaCO3	(00940)	(00955)
Aug													
01...	1300	151	5.0	7.2	420	12.1	65.6	11.9	6.61	-188	195	5.97	8.92

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

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

Date	Nitrate		Nitrite	Arsenic	Iron,	Mangan-
	Sulfate	+ nitrite				
	water,	water	water,	water,	water,	ese,
	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,
	mg/L	mg/L	mg/L	μg/L	μg/L	μg/L
	(00945)	as N	as N	(01000)	(01046)	(01056)
	(00945)	(00631)	(00613)	(01000)	(01046)	(01056)
Aug						
01...	19.0	.79	<.002	<.12	E3	.9