



Water-Data Report 2006

395311075552401 Local number CH 6538

Piedmont and Blue Ridge crystalline-rock aquifers
 Peters Creek Schist
 Chester County, PA

LOCATION.--Lat 39°53'11", long 75°55'24" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02040205.

WATER-QUALITY RECORDS

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

DATUM.--Land-surface datum is 598 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOC= 0.20 FT ABOVE LSD, -0.20 ft above land-surface datum, UNDEFINED BEGIN DATE to present.

REMARKS.--Some values for filtered parameters exceed values for the corresponding unfiltered parameter. These results are within the limits of analytical precision and methods. Station operated as part of the Chester County Ground-Water-Quality Monitoring Project.

COOPERATION.--Station established and maintained by the U.S. Geological Survey in cooperation with the Chester County Water Resources Authority and Chester County Health Department.

**WATER-QUALITY DATA
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 3

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

Date	Time	Agency analyzing sample, code (00028)	Altitude of land surface, feet (72000)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd, field, std units (00400)	pH, water, unfltrd, lab, std units (00403)	Specif. conductance, wat unfltrd, uS/cm 25 degC (90095)	Specif. conductance, wat unfltrd, uS/cm 25 degC (00095)	Temperature, deg C (00010)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
Sep 27...	1500	80020	598	8.9	5.1	5.6	185	186	13.1	10.4	8.80	1.05	4.14

**WATER-QUALITY DATA
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 3

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

Date	ANC, wat unfltrd, incrm. titr., field, mg/L as CaCO3 (00419)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	Nitrite, water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Arsenic, water, fltrd, ug/L (01000)	Boron, water, fltrd, ug/L (01020)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)
Sep 27...	4	17.6	<.10	9.9	1.76	<.010	12.6	<.002	E.006	E.06	<7.0	9.2	E4

395311075552401 Local number CH 6538—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 3 of 3

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

Date	Lead, water, unfltrd	Lead, water, recover- able,	Mangan- ese, water, fltrd,	Zinc, water, fltrd,	Uranium natural water, fltrd,
	ug/L (01049)	ug/L (01051)	ug/L (01056)	ug/L (01090)	ug/L (22703)
Sep					
27...	.48	1.29	22.2	31.8	<.04