



Water-Data Report 2006

**400601075501401 Local number CH 3077**

Piedmont and Blue Ridge crystalline-rock aquifers  
Anorthosite  
Chester County, PA

LOCATION.--Lat 40°06'01", long 75°50'14" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040205.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 13.85 ft. Upper casing diameter undefined; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 545 ft above National Geodetic Vertical Datum of 1929. Measuring point: 'MP= TOP OF CONCRETE PLATFORM, 1.00 Ft ABOVE LSD', 1.00 ft above land-surface datum, July 16, 1987, 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 ana-lyzing sample, code (00028)	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conduc-tance, wat unf lab, uS/cm 25 degC (90095)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)
Sep 25...	0930	80020	13.85	545	1.6	6.7	6.8	286	256	15.8	32.1	8.53	2.10

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

Part 2 of 3

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

Date	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, 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)	Ortho-phos-phate, 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)
Sep 25...	8.26	78	25.4	E.10	17.2	13.0	<.010	1.17	<.002	.019	.13	15	4.3

400601075501401 Local number CH 3077—Continued

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

Part 3 of 3

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

<b>Date</b>	<b>Iron, water, flt'd, ug/L (01046)</b>	<b>Lead, water, flt'd, ug/L (01049)</b>	<b>Lead, water, unflt'd recover- able, ug/L (01051)</b>	<b>Mangan- ese, water, flt'd, ug/L (01056)</b>	<b>Zinc, water, flt'd, ug/L (01090)</b>	<b>Uranium natural water, flt'd, ug/L (22703)</b>
<b>Sep 25...</b>	<6	.17	.30	<.6	17.0	E.03