



Water-Data Report 2006

**400353075283401 Local number CH 7266**

Undefined Aquifer  
 Elbrook Formation  
 Chester County, PA

LOCATION.--Lat 40°03'52.5", long 75°28'33.6" referenced to North American Datum of 1983, Chester County, PA, Hydrologic Unit 02040203.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter undefined; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 168 ft above National Geodetic Vertical Datum of 1929. Measuring point: mp is toc is 0.55 ft above lsd, 0.55 ft above land-surface datum, Sep. 5, 2006, 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, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)
Sep 05...	0900	80020	80	168	9.3	7.3	7.5	603	562	12.9	56.8	32.6	2.09

**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 05...	13.8	206	28.9	E.07	11.3	21.6	<.010	4.33	<.002	.010	<.12	16	1.0

400353075283401 Local number CH 7266—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, fltred, ug/L (01046)</b>	<b>Lead, water, fltred, ug/L (01049)</b>	<b>Lead, water, unfltred recover- able, ug/L (01051)</b>	<b>Mangan- ese, water, fltred, ug/L (01056)</b>	<b>Zinc, water, fltred, ug/L (01090)</b>	<b>Uranium natural water, fltred, ug/L (22703)</b>
<b>Sep 05...</b>	<6	.25	.09	<.6	10.3	.21