



Water-Data Report 2006

400620075563801 Local number CH 2433

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

LOCATION.--Lat 40°06'20", long 75°56'38" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040205.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 200 ft. Upper casing diameter 6.25 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 860 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

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)	Depth of well, below LSD (72008)	Altitude 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 lab, 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 25...	1200	80020	200	860	8.8	4.5	4.8	202	184	13.0	10.6	10.4	1.80

**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...	4.62	2	6.93	.21	7.4	32.3	<.010	11.1	<.002	E.006	.45	<7.0	17.2

400620075563801 Local number CH 2433—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 3 of 3

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

Date	Iron, water, flt'd, ug/L (01046)	Lead, water, flt'd, ug/L (01049)	Lead, water, unflt'd recover- able, ug/L (01051)	Mangan- ese, water, flt'd, ug/L (01056)	Zinc, water, flt'd, ug/L (01090)	Uranium natural water, flt'd, ug/L (22703)
Sep 25...	28	2.05	1.51	16.1	33.8	.08