



Water-Data Report 2006

400654075282401 Local number CH 2443

Early Mesozoic basin aquifers
 Stockton Formation
 Chester County, PA

LOCATION.--Lat 40°06'54", long 75°28'24" referenced to North American Datum of 1927, Chester County, PA, Hydrologic Unit 02040203.

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 110 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.]

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 lab, uS/cm 25 degC (90095)	Specif. conductance, wat unfltrd lab, uS/cm 25 degC (00095)	Temperature, water, 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 06...	1300	80020	110	5.8	6.4	6.8	739	738	15.5	82.5	17.8	1.26	25.3

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

Part 2 of 3

[Remark codes: <, less than.]

Date	ANC, wat unfltrd, 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, as N, mg/L (00608)	Nitrite + Nitrate, water, fltrd, as N, mg/L (00631)	Nitrite, water, fltrd, as N, mg/L (00613)	Orthophosphate, water, fltrd, as P, mg/L (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 06...	137	115	<.10	30.0	20.0	<.010	3.82	<.002	.139	.64	17	4.0	10

400654075282401 Local number CH 2443—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 3 of 3

[Remark codes: <, less than.]

Date	Lead, water, unfltrd, ug/L (01049)	Lead, water, recover- able, ug/L (01051)	Mangan- ese, water, fltrd, ug/L (01056)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)
	Sep 06...	.20	.16	1.1	8.0