



Water-Data Report 2009

**0146450240 CROSSWICKS CREEK TRIBUTARY 4, NEAR CHESTERFIELD, NJ**

DELAWARE RIVER BASIN

LOCATION.--Lat 40°08'09", long 74°37'05" referenced to North American Datum of 1983, Chesterfield Township, Burlington County, NJ, Hydrologic Unit 02040105, 0.4 mi upstream from mouth, 1.9 mi northeast of Chesterfield, and 2.0 mi southeast of Crosswicks.

DRAINAGE AREA.--2.54 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--July 2009.

COOPERATION.--Physical measurements and samples for laboratory analysis were collected in cooperation with the NJ Department of Environmental Protection.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Temperature, air, deg C (00020)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd std units (00400)	Specific conductance, wat unfltrd, μS/cm @ 25 degC (00095)	Temperature, water, deg C (00010)	Turbidity white light, 90+/-30, corrctd NTRU (63676)	Ammonia + org-N, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite, fltrd, mg/L as N (00631)	Phosphorus, water, fltrd, mg/L as P (00666)	Phosphorus, water, unfltrd, mg/L as P (00665)
Jul 10...	1130	24.0	8.7	89	6.1	207	16.4	7.2	.33	.193	.33	<.008	.072

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 2 of 2

[Remark codes: <, less than.]

Date	Total nitrogen, water, unfltrd mg/L (00600)	Chlorophyll a, phyton, fluoro, μg/L (70953)	Pheophytin a, phyton, μg/L (62360)	Organic carbon, water, fltrd, mg/L (00681)
Jul 10...	.66	.3	.3	1.5