



Water-Data Report 2010

01464290 CROSSWICKS CREEK AT HOCKAMIK ROAD, NEAR COOKSTOWN, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 40°02'10", long 74°32'10" referenced to North American Datum of 1983, New Hanover Township, Burlington County, NJ, Hydrologic Unit 02040201, at bridge on Hockamik Road, 0.2 mi downstream from Jumping Brook, and 1.7 mi southeast of Cookstown, and 2.2 mi south of New Egypt.

DRAINAGE AREA.--23.5 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1976-78, 2007 to September 2010 (discontinued).

PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN, in mg/L: June and September 2009.

DISSOLVED OXYGEN, in Percent of Saturation: June and September 2009.

pH: June and September 2009.

SPECIFIC CONDUCTANCE: June and September 2009.

WATER TEMPERATURE: June and September 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 2009 TO SEPTEMBER 2010**

Part 1 of 2

[%, percent; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; E, estimated]

Date	Sample start time	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)
09-08-2010	0900	752	30.5	6.6	73	7.6	311	20.1	2.7

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 2 of 2

[%, percent; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; μ S/cm, microsiemens per centimeter; μ g/L, micrograms per liter; E, estimated]

Date	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, unfiltered , mg/L (00600)	Chloro- phyll a, phyto- plankton, chromato- graphic- fluoro- metric method, μ g/L (70953)	Pheo- phytin a, phyto- plankton, μ g/L (62360)	Organic carbon, water, filtered, mg/L (00681)	Organic carbon, water, unfiltered, mg/L (00680)
09-08-2010	.21	E .019	.34	E .008	.018	.55	E 1.0	E 1.2	2.3	2.8