



Water-Data Report 2009

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, 2007-09.

PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: June and September 2009.

DISSOLVED OXYGEN, PERCENT OF SATURATION: June and September 2009.

pH: June and September 2009.

SPECIFIC CONDUCTANCE: June and September 2009.

WATER TEMPERATURE: June and September 2009.

REMARKS.--The accuracy of continuous water-quality data was verified through simultaneous measurements of a similar instrument recorded at time of deployment and retrieval.

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: E, estimated.]

Date	Time	Baro- metric pres- sure, mm Hg (00025)	Temper- ature, air, deg C (00020)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf μS/cm @ 25 degC (00095)	Temper- ature, water, deg C (00010)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Phos- phorus, water, fltrd, mg/L as P (00666)
Jul 09...	0930	765	20.5	5.2	57	6.0	147	20.2	12	.99	.109	.22	E.007
Sep 09...	0900	761	21.0	6.1	66	6.3	120	19.7	12	.62	.069	.19	.011

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

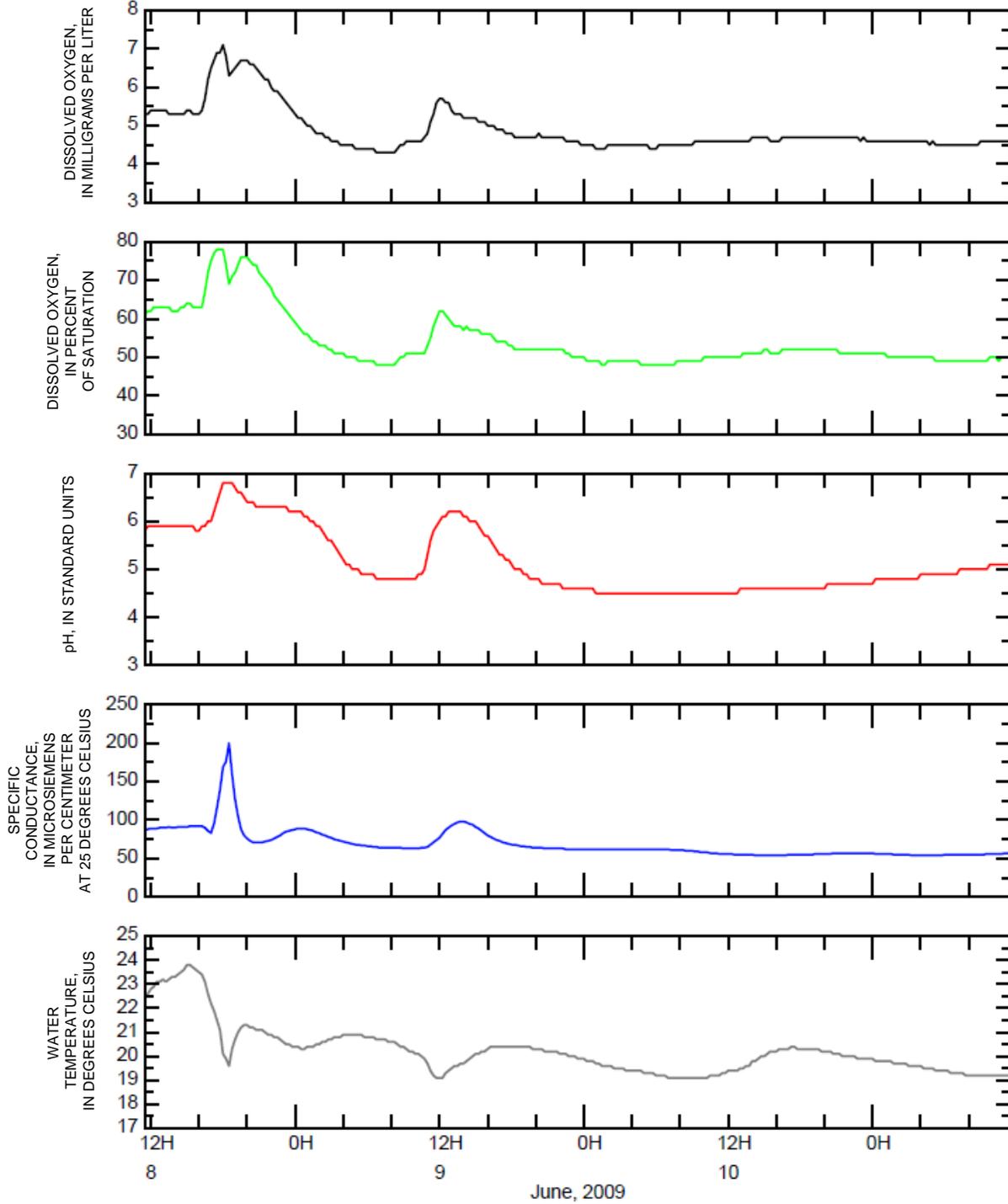
Part 2 of 2

[Remark codes: E, estimated.]

Date	Phos- phorus, water, unfiltrd mg/L as P (00665)	Total nitro- gen, water, unfiltrd mg/L (00600)	Chloro- phyll a phyto- plank- ton, fluoro, µg/L (70953)	Pheo- phytin a, phyto- plank- ton, µg/L (62360)	Organic carbon, water, filtrd, mg/L (00681)	Organic carbon, water, unfiltrd mg/L (00680)
Jul 09...	.077	1.2	2.7	3.6	20.3	--
Sep 09...	.046	.81	1.4	1.7	12.5	15.8

01464290 CROSSWICKS CREEK AT HOCKAMIK ROAD, NEAR COOKSTOWN, NJ—Continued

WATER-QUALITY-MONITOR VALUES RECORDED EVERY FIFTEEN MINUTES
JUNE 8, 2009 TO JUNE 11, 2009



01464290 CROSSWICKS CREEK AT HOCKAMIK ROAD, NEAR COOKSTOWN, NJ—Continued

WATER-QUALITY-MONITOR VALUES RECORDED EVERY FIFTEEN MINUTES
SEPTEMBER 8, 2009 TO SEPTEMBER 11, 2009

