



Water-Data Report 2009

01464377 NORTH RUN AT SOUTH BOLLING BOULEVARD, NEAR COOKSTOWN, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 40°02'32", long 74°34'57" referenced to North American Datum of 1983, New Hanover Township, Burlington County, NJ, Hydrologic Unit 02040201, at bridge on South Bolling Boulevard, 1.1 mi southwest of Cookstown, 2.3 mi south of Jacobstown, and 2.5 upstream from mouth.

DRAINAGE AREA.--5.42 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July-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 2008 TO SEPTEMBER 2009**

Part 1 of 2

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 std units (00400)	Specif- ic conduc- tance, wat unf μS/cm @ 25 degC (00095)	Temper- ature, 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...	1100	765	24.0	8.1	84	7.0	312	17.7	26	.35	.077	.33	.016
Sep 09...	1000	761	22.0	8.0	84	7.0	267	17.8	31	.35	.069	.21	.027

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

Part 2 of 2

Date	Phos- phorus, water, unfltrd mg/L as P (00665)	Total nitro- gen, water, unfltrd 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, fltrd, mg/L (00681)	Organic carbon, water, unfltrd mg/L (00680)
Jul 09...	.084	.68	.6	.5	3.1	--
Sep 09...	.121	.56	1.3	.9	3.6	4.8