



Water-Data Report 2008

01396030 SOUTH BRANCH RAHWAY RIVER AT COLONIA, NJ

RAHWAY RIVER BASIN

LOCATION.--Lat 40°34'57", long 74°18'03" referenced to North American Datum of 1983, Woodbridge Township, Middlesex County, NJ, Hydrologic Unit 02030104, at bridge on Dover Road, 200 ft northwest from Chain O Hills Road, 0.5 mi north from Colonia, and 1.8 mi upstream from mouth.

DRAINAGE AREA.--9.31 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2001-02, 2005-08.

REMARKS.--Cooperative Network Site Descriptor: Trace Element Assessment (303d) special study site.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the NJ Department of Environmental Protection.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 2

[QC, quality control sample. Remark codes: <, less than.]

Date	Time	Sample medium and type	Turbidity white light, det ang 90+/-30 corrctd NTRU (63676)	Baro- metric pres- sure, mm Hg (00025)	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, air, deg C (00020)
Jan									
09...	0830	QC - Artificial, field blank	--	--	--	--	--	--	--
09...	0900	Surface water, regular	4.1	755	10.4	91	7.8	837	15.5
Mar									
28...	0900	QC - Artificial, field blank	--	--	--	--	--	--	--
28...	0930	Surface water, regular	3.0	756	12.8	108	8.0	920	9.5
Jun									
20...	0915	QC - Artificial, field blank	--	--	--	--	--	--	--
20...	0930	Surface water, regular	2.9	762	5.5	59	7.6	618	21.0

01396030 SOUTH BRANCH RAHWAY RIVER AT COLONIA, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO
SEPTEMBER 2008

Part 2 of 2

[QC, quality control sample. Remark codes:
 <, less than.]

Date	Temper- ature, water, deg C (00010)	Mercury water, filtrd, µg/L (71890)	Mercury water, unfitrd recover- able, µg/L (71900)
Jan			
<i>09...</i>	--	<.010	--
09...	8.9	<.010	<.010
Mar			
<i>28...</i>	--	<.010	--
28...	7.9	<.010	<.010
Jun			
<i>20...</i>	--	<.010	--
20...	18.2	<.010	<.010