



Water-Data Report 2007

**01460600 DELAWARE AND RARITAN CANAL AT NEW BRUNSWICK, NJ**

RARITAN RIVER BASIN

LOCATION.--Lat 40°30'27", long 74°27'33" referenced to North American Datum of 1983, New Brunswick City, Middlesex County, NJ, Hydrologic Unit 02030105, on right retaining wall upstream of the Middlesex Water Company and City of New Brunswick Water Supply Intakes, at spillway at end of Canal, 0.1 mi downstream of bridge on Landing Lane, and 0.2 mi north of New Brunswick.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1998, 2007.

PERIOD OF DAILY RECORD.--Water years 1998-99.

REMARKS.--Cooperative Network Site Descriptor: Perchlorate Assessment special study site.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the NJ Department of Environmental Protection. Determination of perchlorate was performed by TestAmerica Laboratories, Inc.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Time	Turbidity white light, 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 std units (00400)	Specif- ic conduc- tance, wat un- f µS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Per- chlor- ate, water, unfltrd µg/L (61209)
Aug 06...	1130	2.1	757	6.1	77	7.7	223	28.0	27.0	.1600