



Water-Data Report 2007

01405700 SOUTH RIVER BELOW DUHERNAL DAM AT OLD BRIDGE, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°25'00", long 74°21'42" referenced to North American Datum of 1983, East Brunswick Township, Middlesex County, NJ, Hydrologic Unit 02030105, at bridge on Bordentown Avenue (County Route 615), 0.1 mi northeast of Old Bridge, 0.9 mi downstream of Duhernal Lake, and 2.7 mi south of Sayreville.

DRAINAGE AREA.--95.9 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1976-83, 2007.

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	Turbdty 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)	Temper- ature, water, deg C (00010)	Per- chlor- ate, water, unfltrd μg/L (61209)
Aug 07...	1116	6.3	760	7.4	90	5.4	278	32.0	25.5	.1900