



Water-Data Report 2007

01402540 MILLSTONE RIVER AT WESTON, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°31'47", long 74°35'18" referenced to North American Datum of 1983, Manville Borough, Somerset County, NJ, Hydrologic Unit 02030105, at downstream center pier on Wilhouski Street bridge over bypass channel at Weston, in Manville Borough, 0.8 mi south of Alma White College, and 1.9 mi north of Millstone.

DRAINAGE AREA.--271 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 1997, 1999 to current year.

GAGE.-- Water-stage recorder. Datum of gage is 21.9 ft above NGVD of 1929.

REMARKS--Satellite stage telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 23.21 ft, Sep 17, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 20.20 ft, Apr 16.

01402540 MILLSTONE RIVER AT WESTON, NJ—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1976-91, 2006-07.

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, 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...	1030	3.3	762	3.7	46	7.1	286	31.9	26.3	.1500