

Water-Data Report 2007

01378520 HIRSHFELD BROOK AT NEW MILFORD, NJ

HACKENSACK RIVER BASIN

LOCATION.--Lat 40°56'49", long 74°00'59" referenced to North American Datum of 1983, New Milford Borough, Bergen County, NJ, Hydrologic Unit 02030103, at bridge on The Boulevard in New Milford, 0.45 mi upstream from mouth, and 0.7 mi west of Dumont.

DRAINAGE AREA.--4.54 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1965-72, 2002 to current year.

GAGE.--Reference point only.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Discharge, in ft³/s
Jul 3, 2007	2.13
Jul 17, 2007	2.13

01378520 HIRSHFELD BROOK AT NEW MILFORD, NJ—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1965, 1967, 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	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 02...	1200	2.1	763	6.7	76	7.6	592	31.0	21.8	.2600