



Water-Data Report 2007

**01379525 CANOE BROOK NEAR MILLBURN, NJ**

PASSAIC RIVER BASIN

LOCATION.--Lat 40°44'55", long 74°20'13" referenced to North American Datum of 1983, Millburn Township, Essex County, NJ, Hydrologic Unit 02030103, at bridge on Parsonage Hill Road, 0.2 mi downstream from Taylor Lake, 1.0 mi upstream from New Jersey-American Water Company pumping station, and 1.4 mi northwest of Millburn.

DRAINAGE AREA.--10.2 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Occasional low-flow and miscellaneous measurements, water years 1989 to current year.

GAGE.--Reference point only.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>
Oct 24, 2006	5.27
Jan 22, 2007	4.20
Apr 23, 2007	9.22
Jun 26, 2007	1.70
Jul 10, 2007 at 1055 hrs	2.10
Jul 10, 2007 at 1300 hrs	2.04

## 01379525 CANOE BROOK NEAR MILLBURN, NJ—Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 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)
<b>Jul</b> <b>18...</b>	1030	12	757	6.1	74	7.7	532	24.0	24.6	.1500