



Water-Data Report 2007

01376273 SPARKILL BROOK AT PIERMONT ROAD, AT NORTHVALE, NJ

HUDSON RIVER BASIN

LOCATION.--Lat 40°59'23", long 73°56'07" referenced to North American Datum of 1983, Norwood Borough, Bergen County, NJ, Hydrologic Unit 02030103, at culvert on Piermont Road, 0.1 mi north of intersection with Broadway, 1.5 mi southeast of Northvale, 2.1 mi upstream from mouth, and 2.8 mi northeast from Oradell Reservoir.

DRAINAGE AREA.--0.50 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, water years 2005-07.

GAGE.--Reference point only.

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

Date	Discharge, in ft³/s
Nov 16, 2006	0.79
Feb 13, 2007	0.31
May 10, 2007	0.70
Jul 16, 2007	0.10

01376273 SPARKILL BROOK AT PIERMONT ROAD, AT NORTHVALE, 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)
Jul										
16...	0830	1.0	762	7.2	76	7.6	270	22.8	18.5	.1100