

01456077 MINE BROOK TRIBUTARY BELOW RESERVOIR, NEAR HACKETTSTOWN, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 40°50'29", long 74°48'05" referenced to North American Datum of 1983, Mount Olive Township, Morris County, NJ, Hydrologic Unit 02040105, at bridge on Reservoir Road, 250 ft downstream of Mine Brook Reservoir, 0.7 mi upstream from mouth, 1.0 mi west of Drakestown, and 1.7 mi southeast of Hackettstown.

DRAINAGE AREA.--0.81 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, water years 2006-07.

GAGE.--Reference point only.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Discharge, in ft³/s
Oct 24, 2006	0.73
Jan 23, 2007	1.20
Apr 26, 2007	2.37
Jul 18, 2007	0.99

01456077 MINE BROOK TRIBUTARY BELOW RESERVOIR, NEAR HACKETTSTOWN, 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 18...	0930	3.0	742	8.3	92	7.5	183	24.0	20.1	.2000