



Water-Data Report 2008

01378352 TENAKILL BROOK AT GRANT AVENUE, AT CRESSKILL, NJ

HACKENSACK RIVER BASIN

LOCATION.--Lat 40°56'44", long 73°57'55" referenced to North American Datum of 1983, Cresskill Borough, Bergen County, NJ, Hydrologic Unit 02030103, at bridge on Grant Avenue, 0.1 mi upstream from Cresskill Brook, 0.2 mi west of Lincoln Drive, and 0.3 mi northwest from Cresskill.

DRAINAGE AREA.--3.29 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2005, 2007-08.

REMARKS.--Cooperative Network Site Descriptor: Trace Element Assessment (303d) special study site.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the NJ Department of Environmental Protection.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 2

[QC, quality control sample. Remark codes: <, less than.]

Date	Time	Sample medium and type	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)
Jan									
16...	0945	QC - Artificial, field blank	--	--	--	--	--	--	--
16...	1000	Surface water, regular	3.3	767	9.3	72	7.6	627	2.5
Mar									
25...	1015	QC - Artificial, field blank	--	--	--	--	--	--	--
25...	1030	Surface water, regular	2.5	770	10.4	85	7.6	580	6.5
Jun									
24...	1015	QC - Artificial, field blank	--	--	--	--	--	--	--
24...	1030	Surface water, regular	2.6	761	4.2	45	7.4	582	24.0

01378352 TENAKILL BROOK AT GRANT AVENUE, AT CRESSKILL, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO
SEPTEMBER 2008

Part 2 of 2

[QC, quality control sample. Remark codes:
 <, less than.]

Date	Temper- ature, water, deg C (00010)	Mercury water, filtrd, µg/L (71890)	Mercury water, unfitrd recover- able, µg/L (71900)
Jan			
16...	--	<.010	--
16...	4.3	<.010	<.010
Mar			
25...	--	<.010	--
25...	6.4	<.010	<.010
Jun			
24...	--	<.010	--
24...	19.0	<.010	<.010