



Water-Data Report 2008

01405440 MANALAPAN BROOK AT BRIDGE STREET, AT SPOTSWOOD, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°23'26", long 74°23'25" referenced to North American Datum of 1983, Spotswood Borough, Middlesex County, NJ, Hydrologic Unit 02030105, at bridge on Bridge Street, 350 ft south of County Route 615 (Main Street), 400 ft north of De Voe Lake, 1.8 mi northeast of Helmetta.

DRAINAGE AREA.--43.9 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1979-91, 2004, 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									
08...	0930	QC - Artificial, field blank	--	--	--	--	--	--	--
08...	1000	Surface water, regular	4.8	767	10.4	86	6.5	210	18.5
Mar									
26...	0945	QC - Artificial, field blank	--	--	--	--	--	--	--
26...	1000	Surface water, regular	6.3	762	10.7	90	6.1	209	9.5
Jun									
17...	0915	QC - Artificial, field blank	--	--	--	--	--	--	--
17...	0930	Surface water, regular	23	757	6.2	70	6.7	202	25.0

01405440 MANALAPAN BROOK AT BRIDGE STREET, AT SPOTSWOOD, 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, fltred, µg/L (71890)	Mercury water, unfltred recover- able, µg/L (71900)
Jan			
08...	--	<.010	--
08...	7.3	<.010	<.010
Mar			
26...	--	<.010	--
26...	7.6	<.010	<.010
Jun			
17...	--	<.010	--
17...	21.7	<.010	<.010