



Water-Data Report 2007

**01407012 GRAVELLY BROOK AT CHURCH STREET, AT MATAWAN, NJ**

MATAWAN RIVER BASIN

LOCATION.--Lat 40°24'27", long 74°13'43" referenced to North American Datum of 1983, Matawan Borough, Monmouth County, NJ, Hydrologic Unit 02030104, at bridge on Church Street in Matawan, 115 ft upstream of Lake Matawan, and 2.0 mi west of Hazlet.

DRAINAGE AREA.--2.36 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 2005-07.

REMARKS.-- Cooperative Network Site Descriptor: Low Level Mercury Assessment 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 2006 TO SEPTEMBER 2007**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Sample 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)	Temper- ature, water, deg C (00010)	Mercury water, unfltrd low level ng/L (50286)	Methyl- mercury water, unfltrd low level ng/L (50284)
Aug 23...	1045	Field Blank	--	--	--	--	--	--	--	--	<.04	<.04
23...	1100	Environmental	1.3	768	8.6	90	3.7	421	20.0	16.9	.47	<.04