



Water-Data Report 2007

**01409414 HAMMONTON CREEK AT HAMMONTON, NJ**

MULLICA RIVER BASIN

LOCATION.--Lat 39°37'57", long 74°45'37" referenced to North American Datum of 1983, Hammonton Town, Atlantic County, NJ, Hydrologic Unit 02040301, at bridge on 8th Street, 0.6 mi downstream from Hammonton Lake, and 2.3 mi east of Hammonton.

DRAINAGE AREA.--2.71 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Miscellaneous measurements, water years 1974, 2001, 2005-07.

GAGE.--Reference point only.

REMARKS.--Flow includes some sewage effluent.

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

Date	Discharge, in ft <sup>3</sup> /s
Dec 5, 2006	6.05
Feb 27, 2007	2.37
May 9, 2007	5.09
May 24, 2007	4.52
Aug 20, 2007	3.14
Sep 20, 2007	2.85

**01409414 HAMMONTON CREEK AT HAMMONTON, NJ—Continued****WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1974, 1976-78, 2007.

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**  
[Remark codes: <, less than.]

Date	Time	Sample type	Turbdty	Specif-								Mercury	Methyl-
			white light, det ang	Baro- metric 90+/-30	Dis- solved pres- sure,	Dis- solved oxygen, oxygen,	pH, oxygen, percent of sat-	water, unfltrd field, std	conduc- tance, wat unf μS/cm	Temper- ature, air, deg C	Temper- ature, water, deg C	water, unfltrd (00010)	water, unfltrd (50286)
<b>May</b>													
02...	0945	Field Blank	--	--	--	--	--	--	--	--	--	<.04	<.04
02...	1015	Environmental	1.2	757	6.3	64	6.7	161	21.5	15.6	13.5	.22	
02...	1020	Environmental	--	--	--	--	--	--	--	--	13.3	.23	
<b>Aug</b>													
16...	0945	Field Blank	--	--	--	--	--	--	--	--	<.04	<.04	
16...	1000	Environmental	4.7	758	6.0	68	6.5	135	26.0	21.4	54.1	.97	