



Water-Data Report 2007

01391100 HOHOKUS BROOK AT MOUTH, AT PARAMUS, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 40°57'19", long 74°06'02" referenced to North American Datum of 1983, Glen Rock Borough, Bergen County, NJ, Hydrologic Unit 02030103, 350 ft upstream from mouth, 1.7 mi east of Glen Rock, and 1.7 mi northwest of Paramus.

DRAINAGE AREA.--20.2 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, water years 1998, 2001-02, 2007.

GAGE.--Reference point only.

REMARKS.--Flow includes some sewage effluent.

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

Date	Discharge, in ft³/s
Jul 19, 2007	62.4
Aug 1, 2007	24.4
Sep 17, 2007	26.1

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998, 2001, 2007.

COOPERATION.--Physical measurements and samples for laboratory analysis were collected in cooperation with the NJ Department of Environmental Protection. Determinations of suspended residue were performed by the NJ Department of Health and Senior Services, Environmental and Chemical Laboratory.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 3

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Turbidity white light, 90+/-30 corrcd NTRU (63676)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd 25 degC μS/cm (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	ANC, wat unfltrd end pt, lab, mg/L as CaCO3 (90410)
Jul 19...	1030	Environmental	62	8.4	756	9.6	110	7.5	510	24.0	22.1	70
Aug 01...	1030	Field Blank	--	--	--	--	--	--	--	--	--	<5
01...	1100	Environmental	24	1.9	759	9.5	111	7.4	902	26.0	23.2	110
Sep 17...	1240	Environmental	26	2.5	770	9.8	106	7.5	978	14.5	18.9	110

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 3

[Remark codes: <, less than; E, estimated.]

Date	Chloride, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat fltr mg/L (70300)	Residue total non-filterable, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Total nitrogen, water, unfltrd mg/L (00600)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Chlorophyll a phytoplankton, fluoro, μg/L (70953)	Pheophytin a, phytoplankton, μg/L (62360)	Boron, water, unfltrd recoverable, μg/L (01022)
Jul 19...	88.6	309	8	.76	.075	4.04	4.8	.68	.78	6.6	4.0	3.7	73
Aug 01...	<.12	<10	--	<.10	<.040	<.04	--	<.008	<.008	E.2	<.1	<.1	<8
01...	160	532	2	.79	.107	10.5	11	2.07	2.10	6.6	3.7	2.3	190
Sep 17...	179	558	2	.86	.087	14.4	15	2.37	2.35	5.5	1.8	2.0	229

01391100 HOHOKUS BROOK AT MOUTH, AT PARAMUS, NJ—Continued

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006
TO SEPTEMBER 2007**

Part 3 of 3

[Remark codes: <, less than;
E, estimated.]

Date	Iron, water, unfiltrd recover -able, µg/L (01045)
Jul	
19...	347
Aug	
01...	<6
01...	115
Sep	
17...	119