



Water-Data Report 2007

**01390946 HOHOKUS BROOK AT WYCKOFF AVENUE, AT WALDWICK, NJ**

PASSAIC RIVER BASIN

LOCATION.--Lat 41°00'34", long 74°07'38" referenced to North American Datum of 1983, Waldwick Borough, Bergen County, NJ, Hydrologic Unit 02030103, at bridge on Wyckoff Avenue (County Route 502) in Waldwick, 0.5 mi downstream from Whites Lake, and 1.1 mi northwest of Ho-Ho-Kus.

DRAINAGE AREA.--15.4 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Miscellaneous measurements, water year 2007.

GAGE.--Reference point only.

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

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>
Jul 17, 2007	6.76
Jul 19, 2007	30.0
Aug 1, 2007	10.1
Sep 17, 2007	6.93

01390946 HOHOKUS BROOK AT WYCKOFF AVENUE, AT WALDWICK, NJ—Continued

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--July to September 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 2

[Remark codes: E, estimated.]

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, 90+/-30 corrctd 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 (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	ANC, wat unfltrd end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)
<b>Jul</b>													
17...	1010	6.8	2.2	756	7.4	88	7.7	752	22.5	23.8	129	143	461
19...	1230	30	6.0	750	9.4	110	7.8	500	28.0	23.0	85	89.2	314
<b>Aug</b>													
01...	1155	10	2.0	759	9.4	119	8.2	682	23.0	27.2	119	124	401
<b>Sep</b>													
17...	1120	6.9	1.9	765	10.4	108	8.0	744	18.5	17.3	137	141	419

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

Part 2 of 2

[Remark codes: E, estimated.]

Date	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)	Iron, water, unfltrd recoverable, µg/L (01045)
<b>Jul</b>												
17...	1	.48	.074	.57	1.1	.038	.064	6.0	7.2	9.0	44	147
19...	3	.57	.081	.61	1.2	.043	.088	6.0	7.6	5.3	42	275
<b>Aug</b>												
01...	2	.42	E.034	.54	.96	.043	.078	4.9	9.4	5.3	47	253
<b>Sep</b>												
17...	1	.36	.025	.83	1.2	.027	.041	3.1	2.9	2.5	51	135