

## Water-Data Report 2007

**01390610 HOHOKUS BROOK AT DE YOE POND OUTLET, AT CAMPGAW, NJ**

PASSAIC RIVER BASIN

LOCATION.--Lat 41°01'34", long 74°11'37" referenced to North American Datum of 1983, Franklin Lakes Borough, Bergen County, NJ, Hydrologic Unit 02030103, bridge on Old Mill Road, 100 feet downstream from De Yoe Pond, 480 ft northwest of Greenridge Road, and 0.7 mi northeast from Campgaw.

DRAINAGE AREA.--1.16 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

REMARKS.--Total nitrogen (00600) equals the sum of filtered ammonia-plus-organic nitrogen (00623), filtered nitrite-plus-nitrate nitrogen (00631), and total particulate nitrogen (49570). Cooperative Network Site Descriptor: Statewide Status, NJ Department of Environmental Protection Watershed Management Area 4.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the NJ Department of Environmental Protection. Determinations of dissolved ammonia, dissolved orthophosphate, and 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 5

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

Date	Time	Sample type	Turbdty white light, det ang 90+/-30 corctd NTRU (63676)	UV absorb- ance, 254 nm, wat flt units	UV absorb- ance, 280 nm, wat flt units	Baro- metric pres- sure, mm Hg (61726)	Dis- solved oxygen, mg/L (00025)	Dis- solved oxygen, percent of sat- uration (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units	Specif- ic conduc- tance, μS/cm (00400)	Temper- ature, wat unf 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)
Nov 16...	1100	Environmental	14	.256	.196	744	9.9	98	8.0	721	18.9	13.8		
Mar 06...	0959	Field Blank	--	--	--	--	--	--	--	--	--	--		
06...	1000	Environmental	1.6	.124	.093	760	12.4	92	7.9	879	-2.0	2.5		
May 23...	1030	Environmental	1.6	.126	.097	764	8.7	87	8.0	873	20.2	15.8		
Aug 30...	0929	Field Blank	--	--	--	--	--	--	--	--	--	--		
30...	0930	Environmental	1.5	.087	.067	750	6.7	75	8.2	886	22.0	20.7		

## 01390610 HOHOKUS BROOK AT DE YOE POND OUTLET, AT CAMPGAW, NJ—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
 Part 2 of 5  
 [Remark codes: <, less than; E, estimated.]

Date	Hardness, water, mg/L as CaCO <sub>3</sub> (00900)	ANC, wat unf fixed						Chlor- ide, lab, mg/L as CaCO <sub>3</sub> (90410)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total non- filter- able, mg/L (00530)
		Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chlor- ide pt, lab, mg/L as CaCO <sub>3</sub> (90410)	Fluor- ide, water, fltrd, mg/L (00950)							
Nov 16...	200	60.5	12.9	2.08	62.7	124	127	E.06	16.4	18.8	385	418	2	
Mar 06...	--	--	--	--	--	--	--	--	--	--	--	--	--	
06...	190	56.0	12.4	1.88	79.2	115	175	E.06	14.5	21.1	442	521	3	
May 23...	220	65.5	14.5	2.08	74.1	143	159	E.06	17.5	20.9	450	513	5	
Aug 30...	--	--	--	--	--	--	--	--	--	--	--	--	--	
30...	250	73.6	15.8	1.94	73.2	153	162	<.10	16.3	22.3	467	480	3	

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
 Part 3 of 5  
 [Remark codes: <, less than; E, estimated.]

Date	Ammonia + org-N, water, fltrd, mg/L as N (00623)		Nitrate Ammonia water, fltrd, mg/L as N (00608)	Partic- ulate nitrite water, fltrd, mg/L as N (00631)	Total nitro- gen, water, fltrd, mg/L (49570)	Total nitro- gen, water, unfiltrd, mg/L (00602)	Ortho- phosphate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfiltrd, mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)
Nov 16...	.36	.051	2.25	.03	2.6	2.6	.018	.027	.039	.3	<.1	.3	5.4
Mar 06...	--	--	--	--	--	--	--	--	--	--	--	--	--
06...	.31	.053	2.94	.08	3.3	3.3	E.010	E.008	.024	.5	<.1	.5	3.3
May 23...	.38	.032	2.54	.13	2.9	3.0	.013	.022	.040	.9	<.1	.9	3.7
Aug 30...	--	--	--	--	--	--	--	--	--	--	--	--	--
30...	.27	.033	2.37	.05	2.6	2.7	E.008	.014	.025	.4	<.1	.4	2.5

## 01390610 HOHOKUS BROOK AT DE YOE POND OUTLET, AT CAMPGAW, NJ—Continued

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

Part 4 of 5

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

Date	Arsenic		Barium		Beryll-		Chrom-		Copper		Iron,		Lead,	
	water, fltrd, unfltrd (01000)	water, unfltrd (01002)	water, recover (01007)	water, unfltrd (01012)	ium, water, unfltrd (01020)	Boron, water, unfltrd (01022)	Boron, water, recover (01027)	Cadmium water, unfltrd (01034)	ium, water, unfltrd (01040)	water, fltrd, recover (01042)	water, unfltrd (01045)	water, recover (01049)	water, unfltrd (01051)	water, fltrd, recover (01051)
Nov														
16...	--	--	--	--	78	--	--	--	--	--	--	--	--	--
Mar														
06...	<.12	--	--	--	--	--	--	--	<.40	--	--	<.12	--	--
06...	.26	.27	37.5	<.06	66	68	E.02	E.47	--	1.6	217	--	.33	
May														
23...	--	--	--	--	86	--	--	--	--	--	--	--	--	--
Aug														
30...	<.12	--	--	--	--	--	--	--	<.40	--	--	<.12	--	--
30...	.44	.41	51.6	<.06	96	93	E.01	E.32	--	E1.2	145	--	.30	

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

Part 5 of 5

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

Date	Mangan-		Mercury		Nickel		Silver		Zinc,	
	ese, water, unfltrd recover -able, fltrd, µg/L (01055)	Mercury water, unfltrd recover -able, fltrd, µg/L (71890)	water, unfltrd recover -able, fltrd, µg/L (71900)	Nickel, water, unfltrd recover -able, fltrd, µg/L (01065)	water, unfltrd recover -able, fltrd, µg/L (01067)	Selen- ium, water, unfltrd recover -able, fltrd, µg/L (01147)	water, unfltrd recover -able, fltrd, µg/L (01077)	water, unfltrd recover -able, fltrd, µg/L (01090)	water, unfltrd recover -able, fltrd, µg/L (01092)	
Nov										
16...	--	--	--	--	--	--	--	--	--	--
Mar										
06...	--	E.008	--	<.06	--	--	--	E.56	--	--
06...	139	--	<.010	--	.93	.11	<.02	--	6	
May										
23...	--	--	--	--	--	--	--	--	--	--
Aug										
30...	--	<.010	--	<.06	--	--	--	<.60	--	--
30...	65.1	--	<.010	--	.50	E.07	<.02	--	E1.1	

## 01390610 HOHOKUS BROOK AT DE YOE POND OUTLET, AT CAMPGAW, NJ—Continued

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

Part 1 of 7

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

Date	1-Naph-thol, water, fltrd 0.7u GF	2,6-Di-ethyl-aniline water, fltrd 0.7u GF	2Chloro- -2',6'-diethyl acetanilide water flt	CIAT, water, fltrd, 0.4040	2-Ethyl- -6-methyl-aniline water, fltrd, 0.61620	3,4-Di-chloro-aniline water, fltrd, 0.61625	3,5-Di-chloro-aniline water, fltrd, 0.61627	4-Chloro- 2methyl-phenol, water, fltrd, 0.61633	Aceto-chlor, water, fltrd, 0.49260	Ala-chlor, water, fltrd, 0.46342	alpha-Endo-sulfan, water, fltrd, 0.34362	Atra-zine, water, fltrd, 0.39632	Azin-phos-methyl oxon, water, fltrd, 0.61635
Nov 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 06...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 23...	<.09	<.006	<.006	E.005	<.010	<.004	<.012	E.003	<.006	<.005	<.011	.009	<.04
Aug 30...	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Part 2 of 7

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

Date	Azin-phos-methyl, water, fltrd 0.7u GF	Ben-flur-alin, water, fltrd 0.7u GF	Car-baryl, water, fltrd 0.7u GF	Carbo-furan, water, fltrd 0.7u GF	Chlor-pyrifos oxon, water, fltrd 0.7u GF	Chlor-pyrifos water, fltrd, 0.7u GF	Per-methrin water, fltrd, 0.7u GF	cis-Permethrin water, fltrd, 0.7u GF	cis-Propiconazole, water, fltrd, 0.7u GF	Cyana-zine, water, fltrd, 0.7u GF	Cyflu-thrin, water, fltrd, 0.7u GF	lambda-Cyhalothrin, water, fltrd, 0.7u GF	Cyper-methrin water, fltrd, 0.7u GF	DCPA, water, fltrd 0.7u GF
Nov 16...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 06...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
May 23...	<.080	<.010	E.007	<.020	<.06	<.005	<.010	<.013	<.018	<.053	<.014	<.046	<.003	
Aug 30...	--	--	--	--	--	--	--	--	--	--	--	--	--	

## 01390610 HOHOKUS BROOK AT DE YOE POND OUTLET, AT CAMPGAW, NJ—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
 Part 3 of 7  
 [Remark codes: <, less than; E, estimated.]

Date	Desulf- inyl- fipro- nil, water, fltrd, μg/L (62170)	Diazi- non, water, fltrd, μg/L (39572)	Dicro- tophos, water, fltrd, μg/L (38454)	Diel- drin, water, fltrd, μg/L (39381)	Dimeth- oate, water, fltrd, 0.7u GF μg/L (82662)	Disulf- oton sulfone, water, fltrd, 0.7u GF μg/L (61640)	Disul- foton, water, fltrd, 0.7u GF μg/L (82677)	Endo- sulfan sulfate, water, fltrd, 0.7u GF μg/L (61590)	EPTC, water, fltrd, 0.7u GF μg/L (82668)	Ethion monoxon, water, fltrd, μg/L (61644)	Ethion, water, fltrd, μg/L (82346)	Etho- prop, water, fltrd, 0.7u GF μg/L (82672)	Fenami- phos sulfone, water, fltrd, μg/L (61645)
Nov 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 06...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 23...	<.012	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.002	<.02	<.016	<.012	<.053
Aug 30...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
 Part 4 of 7  
 [Remark codes: <, less than; E, estimated.]

Date	Fenami- phos sulfide, water, fltrd, μg/L (61646)	Desulf- inyl- fipro- nil amide, water, wat flt μg/L (61591)	Fipro- nil sulfide, water, fltrd, μg/L (62169)	Fipro- nil sulfone, water, fltrd, μg/L (62167)	Fipro- nil sulfone, water, fltrd, μg/L (62168)	Fipro- nil sulfone, water, fltrd, μg/L (62166)	Fonofos water, fltrd, μg/L (04095)	Hexa- zinone, water, fltrd, μg/L (04025)	Ipro- dione, water, fltrd, μg/L (61593)	Isofen- phos, water, fltrd, μg/L (61594)	Mala- xon, water, fltrd, μg/L (61652)	Mala- thion, water, fltrd, μg/L (39532)	Meta- laxyl, water, fltrd, μg/L (61596)
Nov 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 06...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 23...	<.04	<.03	<.029	<.013	<.024	E.004	<.006	<.026	<.026	<.011	<.039	<.016	<.007
Aug 30...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 01390610 HOHOKUS BROOK AT DE YOE POND OUTLET, AT CAMPGAW, NJ—Continued

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

Part 5 of 7

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

Date	Methi-althion water, fltrd, μg/L (61598)	Methyl para-oxon, water, fltrd, μg/L (61664)	Methyl para-thion, water, 0.7u GF μg/L (82667)	Metola-chlor, water, fltrd, μg/L (39415)	Metribuzin, water, fltrd, μg/L (82630)	Moli-nate, water, 0.7u GF μg/L (82671)	Myclo-butanol water, fltrd, μg/L (61599)	Oxy-fluor-fen, water, fltrd, μg/L (61600)	Pendi-meth-alin, water, 0.7u GF μg/L (82683)	Phorate oxon, water, fltrd, μg/L (61666)	Phorate water, fltrd, 0.7u GF μg/L (82664)	Prome-ton, water, fltrd, μg/L (04037)	Prome-tryn, water, fltrd, μg/L (04036)
Nov 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 06...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 23...	<.009	<.02	<.008	E.010	<.012	<.027	<.033	<.017	<.020	<.03	<.020	E.01	<.006
Aug 30...	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Part 6 of 7

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

Date	Propy-zamide, water, fltrd, 0.7u GF μg/L (82676)	Pro-panil, water, fltrd, 0.7u GF μg/L (82679)	Propar-gite, water, fltrd, 0.7u GF μg/L (82685)	Sima-zine, water, fltrd, 0.7u GF μg/L (04035)	Tebu-thiuron water, fltrd, 0.7u GF μg/L (82670)	Teflu-thrin, water, fltrd, 0.7u GF μg/L (61606)	Ter-bufos oxon sulfone water, fltrd, μg/L (61674)	Terbu-fos, water, fltrd, 0.7u GF μg/L (82675)	Ter-buthyl-azine, water, fltrd, 0.7u GF μg/L (04022)	Thio-bencarb water, fltrd, 0.7u GF μg/L (82681)	trans-Propi-conazole, water, fltrd, (79847)	Tri-flur-alin, water, fltrd, 0.7u GF μg/L (61610)	
Nov 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 06...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 23...	<.004	<.011	<.02	.010	<.02	<.003	<.04	<.01	<.01	<.010	<.03	<.035	<.009
Aug 30...	--	--	--	--	--	--	--	--	--	--	--	--	--

**01390610 HOHOKUS BROOK AT DE YOE POND OUTLET, AT CAMPGAW, NJ—Continued**

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

Part 7 of 7

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

Date	Di-chlor-vos, water, filtrd, μg/L (38775)
Nov 16...	--
Mar 06...	--
May 23...	<.01
Aug 30...	--