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^2.

WATER-QUALITY RECORDS

REMARKS.--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, suspended residue, ammonia-plus-organic nitrogen in bed sediment, and phosphorus in bed sediment were performed by the NJ Department of Health and Senior Services, Environmental and Chemical Laboratory.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 1 of 5
[Remark codes: <, less than; E, estimated.]

Date	Time	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	UV absorb-ance, 254 nm, wat flt units /cm (50624)	UV absorb-ance, 280 nm, wat flt units /cm (61726)	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)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
Dec													
13...	1100	1.4	.151	.116	760	11.5	88	8.0	1,390	10.3	3.6	230	67.2
Feb													
07...	1030	9.6	.184	.141	744	11.6	94	7.9	871	16.7	6.1	170	48.8
May													
29...	1030	2.1	.119	.092	758	7.9	82	9.2	865	17.6	17.2	230	67.4
Aug													
19...	1000	2.0	.099	.075	750	8.0	91	8.5	795	23.8	22.1	220	64.4

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

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 2 of 5
[Remark codes: <, less than; E, estimated.]

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total non-filterable, mg/L (00530)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)
Dec													
13...	14.8	2.23	176	132	307	<.12	15.8	22.9	E695	724	2	.31	.029
Feb													
07...	10.8	1.70	88.7	105	178	<.12	13.7	20.3	435	470	5	.34	.043
May													
29...	15.3	2.12	70.4	145	164	E.07	16.7	21.2	E453	499	4	.37	.023
Aug													
19...	14.4	1.99	64.9	137	148	<.12	16.2	21.7	422	497	5	.46	.047

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 3 of 5
[Remark codes: <, less than; E, estimated.]

Date	Nitrate + nitrite water fltrd, mg/L as N (00631)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L as P (00666)	Phosphorus, water, unfltrd mg/L as P (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Arsenic water, fltrd, µg/L (01000)	Arsenic water, unfltrd µg/L (01002)
Dec													
13...	2.31	E.03	2.6	E2.7	E.008	.010	.018	.3	<.04	.3	3.9	--	--
Feb													
07...	2.29	.11	2.6	2.7	.010	.012	.032	.6	<.04	.6	4.4	.30	E.47
May													
29...	1.92	.31	2.3	2.6	.011	.015	.044	1.6	<.04	1.6	4.1	--	--
Aug													
19...	1.77	.14	2.2	2.4	.016	.018	.044	1.0	<.04	1.0	3.3	.56	E.57

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

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 4 of 5
[Remark codes: <, less than; E, estimated.]

Date	Barium, water, unfltrd recover-able, µg/L (01007)	Beryll-ium, water, unfltrd recover-able, µg/L (01012)	Boron, water, fltrd, µg/L (01020)	Boron, water, unfltrd recover-able, µg/L (01022)	Cadmium water, unfltrd µg/L (01027)	Chrom-ium, water, unfltrd recover-able, µg/L (01034)	Copper, water, unfltrd recover-able, µg/L (01042)	Iron, water, unfltrd recover-able, µg/L (01045)	Lead, water, unfltrd recover-able, µg/L (01051)	Mangan-ese, water, unfltrd recover-able, µg/L (01055)	Mercury water, unfltrd recover-able, µg/L (71900)	Nickel, water, unfltrd recover-able, µg/L (01067)	Selen-ium, water, unfltrd µg/L (01147)
Dec													
13...	--	--	79	--	--	--	--	--	--	--	--	--	--
Feb													
07...	37.8	<.04	63	59	.02	.92	1.9	413	.81	114	<.010	.99	.11
May													
29...	--	--	90	--	--	--	--	--	--	--	--	--	--
Aug													
19...	56.2	<.04	85	91	<.01	E.31	1.4	171	.56	126	<.010	.64	.09

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007
TO SEPTEMBER 2008
Part 5 of 5
[Remark codes: <, less than;
E, estimated.]

Date	Silver, water, unfltrd recover-able, µg/L (01077)	Zinc, water, unfltrd recover-able, µg/L (01092)
Dec		
13...	--	--
Feb		
07...	<.02	6.0
May		
29...	--	--
Aug		
19...	<.02	E1.6

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

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 1 of 4
[Remark codes: <, less than; E, estimated.]

Date	Time	pH bed sedimnt std units (70310)	Ammonia + org-N, bed sed total, mg/kg as N (00626)	Phos-phorus, bed sedimnt total, mg/kg as P (00668)	Total carbon, bed sedimnt total, g/kg (00693)	Inor-ganic carbon, bed sedimnt total, g/kg (00686)	Arsenic bed sedimnt recover-able, ug/g (64847)	Cadmium bed sedimnt recover-able, ug/g (01028)	Chrom-ium, bed sedimnt recover-able, ug/g (01029)	Cobalt bed sedimnt recover-able, ug/g (01038)	Copper, bed sedimnt recover-able, ug/g (01043)	Iron, bed sedimnt total digest, ug/g (01170)	Lead, bed sedimnt recover-able, ug/g (01052)
Aug 19...	1000	7.14	140	2,800	1.4	<.2	1.8	.040	8.5	3.4	7	13,000	4.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 2 of 4
[Remark codes: <, less than; E, estimated.]

Date	Mangan-ese, bed sedimnt recover-able, ug/g (01053)	Mercury bed sedimnt recover-able, ug/g (71921)	Nickel, bed sedimnt recover-able, ug/g (01068)	Sele-nium, bed sedimnt recover-able, ug/g (64848)	Zinc, bed sedimnt recover-able, ug/g (01093)	1,2-Di-methyl-naphth-alene, bed sed <2 mm, ug/kg (49403)	1,6-Di-methyl-naphth-alene, bed sed <2 mm, ug/kg (49404)	1Methyl-9H-fluor-ene, bed sed <2 mm, ug/kg (49398)	1-Methyl-phenan-threne, bed sed <2 mm, ug/kg (49410)	1-Methyl-pyrene, bed sed <2 mm, wsv nat ug/kg (49388)	236Tri-methyl-naphth-alene, bed sed <2 mm, ug/kg (49405)	2,6-Di-methyl-naphth-alene, bed sed <2 mm, ug/kg (49406)	2-Ethyl naphth-alene bed sed <2 mm wsv nat ug/kg (49948)
Aug 19...	290	<.007	5.4	<.1	24	<50	<50	<50	E6	E7	<50	E3	<50

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 3 of 4
[Remark codes: <, less than; E, estimated.]

Date	2-Methyl-anthra-cene, bed sed <2 mm, ug/kg (49435)	4H-Cyc-lopenta-[def]-phenan-threne, bs <2mm ug/kg (49411)	9H-Fluor-ene, bed sed <2 mm, wsv nat ug/kg (49399)	Ace-naphth-ene, bed sed <2 mm, wsv nat ug/kg (49429)	Ace-naphth-ylene, bed sed <2 mm, wsv nat ug/kg (49428)	Anthra-cene, bed sed <2 mm, wsv nat field, ug/kg (49434)	Benzo-[a]-anthra-cene, bed sed <2 mm, ug/kg (49436)	Benzo-[a]-pyrene, bed sed <2 mm, wsv nat ug/kg (49389)	Benzo-[b]-fluor-anthene bed sed <2 mm ug/kg (49458)	Benzo-[ghi]-peryl-ene, bed sed <2 mm, ug/kg (49408)	Benzo-[k]-fluor-anthene bed sed <2 mm ug/kg (49397)	Chry-sene, bed sed <2 mm, wsv nat field, ug/kg (49450)	Dibenzo-[a,h]-anthra-cene, bed sed <2 mm, ug/kg (49461)
Aug 19...	<50	E5	<50	E1	E4	E8	E26	E18	E27	E7	E14	E22	<50

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

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 4 of 4
[Remark codes: <, less than; E, estimated.]

Date	Fluor-anthene bed sed <2 mm wsv nat field, ug/kg (49466)	Indeno-[1,2,-3-cd]-pyrene, bed sed <2 mm ug/kg (49390)	Iso-phorone bed sed <2 mm, wsv nat field, ug/kg (49400)	Naphth-alene, bed sed <2 mm wsv nat ug/kg (49402)	PCBs, bed sedimnt ug/kg (39519)	p-Cresol, bed sed <2 mm, wsv nat field, ug/kg (49451)	Phenan-threne, bed sed <2 mm, wsv nat field, ug/kg (49409)	Phenan-thri-dine, bed sed <2 mm, wsv nat ug/kg (49393)	Pyrene, bed sed <2 mm, wsv nat field, ug/kg (49387)	Bed sedi-ment, dry svd sve dia percent <62.5um (80164)
Aug										
19...	56	E8	<50	<50	<5.00	<50	E14	<50	E51	.6