0137449494 PEACH LAKE BROOK AT MOUTH AT BREWSTER, NY

Lower Hudson Basin
Lower Hudson Subbasin

LOCATION.--Lat 41°23'17.3", long 73°35'17.5" referenced to North American Datum of 1983, Putnam County, NY, Hydrologic Unit 02030101, 1.3 mi southeast of Brewster, and 1.3 mi downstream from Peach Lake. Samples collected at culvert on Cobb Road in Brewster, about 0.8 mi downstream of Peach Lake.

DRAINAGE AREA.--2.47 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements--2000 to current year.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Date	Discharge, in ft^3/s
Jul 18, 2006	2.47
Aug 28, 2006	5.94

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
PESTICIDE DATA: 2000-06 (a).

REMARKS.--For many of the samples collected, analysis was performed using different analytical methods. When these methods share one or more compounds, separate tables are provided so that each compound can be presented. A sampling method code of 70 indicates a grab sample.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 6

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

Date	Time	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethylaniline water, fltrd 0.7u GF ug/L (82660)	2Chloro-2',6'-diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methylaniline water, fltrd, ug/L (61620)	3,4-Dichloroaniline water, fltrd, ug/L (61625)	4-Chloro-2methyl phenol, water, fltrd, ug/L (61633)	Acetochlor, water, fltrd, ug/L (49260)	Alachlor, water, fltrd, ug/L (46342)	Atrazine, water, fltrd, ug/L (39632)
Jul													
18...	1420	2.5	70	<.09	<.006	<.006	<.014	<.010	<.004	<.005	<.006	<.005	<.007
Aug													
28...	1645	5.9	70	<.09	<.006	<.006	<.014	<.010	<.004	<.005	<.006	<.005	<.007

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 6

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

Date	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Cyfluthrin, water, fltrd, ug/L (61585)	Cypermethrin water, fltrd, ug/L (61586)	DCPA, water, fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	Dicrotophos, water, fltrd, ug/L (38454)
Jul													
18...	--	<.050	<.010	<.041	<.06	<.005	<.006	<.053	<.046	<.003	<.012	<.005	<.08
Aug													
28...	<.04	<.050	<.010	<.041	<.06	<.005	<.006	<.053	<.046	<.003	<.012	<.005	<.08

0137449494 PEACH LAKE BROOK AT MOUTH AT BREWSTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 3 of 6
[Remark codes: <, less than; E, estimated.]

Date	Dieldrin, water, fltrd, ug/L (39381)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Hexazinone, water, fltrd, ug/L (04025)
Jul													
18...	<.009	<.006	<.02	<.016	<.053	<.04	<.03	<.029	<.013	<.024	<.016	<.005	<.026
Aug													
28...	<.009	<.006	<.02	<.016	<.053	<.04	<.03	<.029	<.013	<.024	<.016	<.005	<.026

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 4 of 6
[Remark codes: <, less than; E, estimated.]

Date	Iprodione, water, fltrd, ug/L (61593)	Isofenphos, water, fltrd, ug/L (61594)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Myclobutanil water, fltrd, ug/L (61599)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)
Jul													
18...	<.026	<.011	<.039	<.027	<.007	<.009	<.02	<.015	<.006	<.028	<.033	<.022	<.03
Aug													
28...	<.026	<.011	<.039	<.027	<.007	<.009	<.02	<.015	<.006	<.028	<.033	<.022	<.03

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 5 of 6
[Remark codes: <, less than; E, estimated.]

Date	Phorate water, fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Simazine, water, fltrd, ug/L (04035)	Tebuthiuron water, fltrd 0.7u GF ug/L (82670)	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	Tribuphos, water, fltrd, ug/L (61610)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)
Jul													
18...	<.055	--	--	.01	<.006	<.004	<.005	<.02	<.04	<.02	<.01	<.035	<.009
Aug													
28...	<.055	<.05	<.008	E.01	<.006	<.004	<.005	<.02	<.04	<.02	<.01	<.035	<.009

0137449494 PEACH LAKE BROOK AT MOUTH AT BREWSTER, NY—Continued

WATER-QUALITY DATA WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 6 of 6
[Remark codes: <, less than; E, estimated.]

Date	Dichlorvos, water, fltrd, ug/L (38775)
Jul	
18...	<.01
Aug	
28...	<.01

WATER-QUALITY DATA WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 1 of 5
[Remark codes: <, less than; E, estimated.]

Date	Time	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D, water, fltrd, ug/L (39732)	2,4-DB, water, fltrd 0.7u GF ug/L (38746)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	OIET, water, fltrd, ug/L (50355)	3-Hydroxy carbofuran, wat flt 0.7u GF ug/L (49308)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)
Jul													
18...	1425	2.5	70	<.190	.45	<.02	<.03	<.08	<.032	<.008	<.028	<.02	<.100
Aug													
28...	1650	5.9	70	--	E.22	<.02	<.03	<.08	<.032	--	<.028	<.02	<.100
28...	1651	--	70	--	E.22	<.02	<.03	<.08	<.032	--	<.028	<.02	<.100

0137449494 PEACH LAKE BROOK AT MOUTH AT BREWSTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 2 of 5
[Remark codes: <, less than; E, estimated.]

Date	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	Atrazine, water, fltrd, ug/L (39632)	Bendiocarb, water, fltrd, ug/L (50299)	Benomyl water, fltrd, ug/L (50300)	Bensulfuron-methyl, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Chloramben methyl ester, water, fltrd, ug/L (61188)
Jul												
18...	<.15	<.008	<.08	<.022	<.02	<.02	<.02	<.04	<.018	<.02	<.016	<.02
Aug												
28...	<.15	<.008	--	<.022	<.02	<.02	<.02	<.04	E.014	--	--	<.02
28...	<.15	<.008	--	<.022	<.02	<.02	<.02	<.04	E.017	--	--	<.02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 3 of 5
[Remark codes: <, less than; E, estimated.]

Date	Chlorimuron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-triazine, wat flt ug/L (04039)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cyclo-ate, water, fltrd, ug/L (04031)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	Dicamba water, fltrd 0.7u GF ug/L (38442)	Di-chlor-prop, water, fltrd 0.7u GF ug/L (49302)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Diuron, water, fltrd 0.7u GF ug/L (49300)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Flumetsulam, water, fltrd, ug/L (61694)	Fluometuron water, fltrd 0.7u GF ug/L (38811)
Jul													
18...	<.032	<.04	<.07	<.01	<.03	<.04	<.03	<.04	<.01	<.02	<.10	<.04	<.02
Aug													
28...	<.032	<.04	<.07	<.01	<.03	<.04	<.03	<.04	<.01	<.02	<.10	<.04	<.02
28...	<.032	<.04	<.07	<.01	<.03	<.04	<.03	<.04	<.01	<.02	<.10	<.04	<.02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 4 of 5
[Remark codes: <, less than; E, estimated.]

Date	Imazaquin, water, fltrd, ug/L (50356)	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Linuron water, fltrd 0.7u GF ug/L (38478)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Metalaxyl, water, fltrd, ug/L (50359)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Metsulfuron, water, fltrd, ug/L (61697)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)
Jul													
18...	<.04	<.04	<.020	<.01	<.07	<.10	<.03	<.034	<.070	<.07	<.04	<.01	<.04
Aug													
28...	<.04	<.04	<.020	<.01	<.07	<.10	<.03	--	<.070	<.07	<.04	<.01	<.04
28...	<.04	<.04	<.020	<.01	<.07	<.10	<.03	--	<.070	<.07	<.04	<.01	<.04

0137449494 PEACH LAKE BROOK AT MOUTH AT BREWSTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 5 of 5
[Remark codes: <, less than; E, estimated.]

Date	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Propham water, fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Sulfometruron, water, fltrd, ug/L (50337)	Tebuthiuron water, fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd, ug/L (04032)	Triclopyr, water, fltrd 0.7u GF ug/L (49235)
Jul												
18...	<.02	<.02	<.05	<.03	<.030	<.01	<.008	<.02	<.090	<.026	<.026	--
Aug												
28...	<.02	<.02	--	<.03	<.030	--	--	<.02	<.090	<.026	<.026	<.03
28...	<.02	<.02	--	<.03	<.030	--	--	<.02	<.090	<.026	<.026	<.03