

HOUSATONIC RIVER BASIN

01201487 STILL RIVER AT RT 7 AT BROOKFIELD CENTER, CT

LOCATION.--Lat 41°27'58", long 73°24'13", Fairfield County, Hydrologic Unit 01100005, on bridge on the upstream side of Route 7 South, approximately 800 ft upstream from Silvermine Road.

DRAINAGE AREA.--62.3 mi².

PERIOD OF RECORD.--October 1983 to current year.

REMARKS.--Water-quality records for this site published under station 01201485 from water year 1984 to water year 1992.

Samples for dissolved aluminum and zinc collected from May through September 2000 were reanalyzed because of possible contamination in the lab; those samples that could not be reanalyzed have been updated to the original concentration with a "less-than" (<) data qualifier.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (90095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-A-TURE (DEG C) (00020)	TEMPER-A-TURE (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00300)	OXYGEN, DIS-SOLVED (MG/L) (00301)	COLI-FORM, FECCAL, UM-MF (COLS./100 ML) (31616)	ENTERO-COCCI ME, MF WATER TOTAL (COL /100 ML) (31649)
NOV 16...	1400	62	438	453	7.9	4.5	6.5	1.8	11.5	97	2000	140
JAN 24...	1315	49	469	480	7.7	4.5	.5	3.0	13.2	91	110	84
MAR 07...	1045	97	400	420	7.8	11.5	5.5	3.0	12.0	95	980	116
MAY 31...	1050	60	477	486	7.8	17.5	15.0	4.7	8.4	83	K260	--
JUN 20...	1045	99	371	390	7.7	23.0	18.0	9.7	8.3	88	700	--
JUL 31...	1335	120	343	354	7.7	22.0	19.0	7.3	7.6	82	K900	--
AUG 29...	1245	41	542	552	7.8	27.5	21.5	--	8.8	100	760	--
SEP 22...	1215	58	460	445	7.6	17.5	17.5	.3	8.2	86	1000	--

DATE	ENTERO-COCCI (MEI) MF 24 HOUR (COL /100 ML) (90909)	HARD-NESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA-LINITY WAT DIS TOT IT (MG/L AS CaCO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS Cl) (00940)
NOV 16...	--	150	39.2	13.1	29.9	3.7	0	156	128	18.8	--
JAN 24...	--	160	40.7	13.7	35.1	4.7	0	143	117	25.5	50.9
MAR 07...	--	130	32.4	11.1	27.2	3.5	0	121	99	19.3	46.7
MAY 31...	K82	150	39.1	12.9	31.4	4.3	0	135	111	21.0	53.2
JUN 20...	152	130	33.0	11.2	23.2	3.0	0	128	105	15.5	40.7
JUL 31...	560	120	31.4	10.3	19.7	3.1	0	128	105	13.7	30.7
AUG 29...	88	170	42.7	14.4	36.1	6.9	0	146	120	23.9	62.6
SEP 22...	196	140	35.2	11.5	30.8	5.2	0	129	106	22.6	47.0

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, DIS-ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
NOV 16...	.2	9.0	250	253	.011	3.53	<.020	--	.55	.38	4.1
JAN 24...	.2	9.7	274	275	.034	4.23	.141	.61	.75	.58	5.0
MAR 07...	.1	6.3	228	243	.014	3.18	.035	.40	.44	.36	3.6
MAY 31...	.1	8.2	288	296	.027	5.16	.082	.58	.67	.50	5.8
JUN 20...	<.1	8.7	228	234	.013	2.49	.053	.45	.50	.35	3.0
JUL 31...	<.1	9.4	203	214	.011	1.71	.053	.54	.60	.39	2.3
AUG 29...	.2	7.8	327	345	.021	6.73	.045	.64	.69	.59	7.4
SEP 22...	.2	8.6	262	271	.014	4.18	.055	.53	.58	.49	4.8

HOUSATONIC RIVER BASIN

01201487 STILL RIVER AT RT 7 AT BROOKFIELD CENTER, CT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PHOS-PHORUS	PHOS-PHORUS	PHOS-PHORUS	ALUM-INUM	ANTI-MONY	BARIUM	BERYL-LIUM	CADMIUM	CHRO-MIUM	COBALT	COPPER
	TOTAL (MG/L AS P) (00665)	DIS-SOLVED (MG/L AS P) (00666)	ORTHODIS-SOLVED (MG/L AS P) (00671)	DIS-SOLVED (UG/L AS AL) (01106)	DIS-SOLVED (UG/L AS SB) (01095)	DIS-SOLVED (UG/L AS BA) (01005)	DIS-SOLVED (UG/L AS BE) (01010)	DIS-SOLVED (UG/L AS CD) (01025)	DIS-SOLVED (UG/L AS CR) (01030)	DIS-SOLVED (UG/L AS CO) (01035)	DIS-SOLVED (UG/L AS CU) (01040)
NOV 16...	.077	.417	.281	5	<1	25	<1	<1.0	<.8	<1	3
JAN 24...	.426	.373	.288	7	<1	26	<1	<1.0	<.8	<1	3
MAR 07...	.266	.230	.214	10	<1	25	<1	<1.0	<1.0	<1	3
MAY 31...	.119	.061	.047	<20	<1	27	<1	<1.0	<.8	<1	4
JUN 20...	.118	.054	.037	9	<1	26	<1	<1.0	<.8	<1	3
JUL 31...	.120	.059	.047	9	<1	26	<1	<1.0	<.8	<1	3
AUG 29...	.149	.122	.096	9	<1	28	<1	<1.0	<.8	<1	6
SEP 22...	.159	.109	.096	9	<1	26	<1	<1.0	E.7	<1	5

DATE	IRON	LEAD	MANGANESE	MOLYBDENUM	NICKEL	SILVER	ZINC	URANIUM	CARBON	SEDIMENT	SEDIMENT
	DIS-SOLVED (UG/L AS FE) (01046)	DIS-SOLVED (UG/L AS PB) (01049)	DIS-SOLVED (UG/L AS MN) (01056)	DIS-SOLVED (UG/L AS MO) (01060)	DIS-SOLVED (UG/L AS NI) (01065)	DIS-SOLVED (UG/L AS AG) (01075)	DIS-SOLVED (UG/L AS ZN) (01090)	DIS-SOLVED (UG/L AS U) (22703)	ORGANIC TOTAL (MG/L AS C) (00680)	SUS-PENDED (MG/L) (80154)	DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
NOV 16...	70	<1	62	2	1	<1	13	<1	6.5	6	1.0
JAN 24...	80	<1	90	2	2	<1	21	1	3.5	--	--
MAR 07...	90	<1	62	2	<1	<1	13	<1	4.4	--	--
MAY 31...	140	<1	88	3	1	<1	<13	<1	4.9	--	--
JUN 20...	100	<1	49	2	<1	<1	5	<1	5.4	--	--
JUL 31...	90	<1	33	1	1	<1	4	<1	6.8	--	--
AUG 29...	70	<1	53	4	2	<1	8	<1	6.1	--	--
SEP 22...	80	<1	54	4	2	<1	7	<1	5.9	--	--