272 NEUSE RIVER BASIN

02085000 ENO RIVER AT HILLSBOROUGH, NC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
OCT 11 DEC	1330	3.5	10	758	7.1	69	7.0	95	13.7	34	8.35	3.31	2.17
05 FEB	1020	2.5	40	768	7.2	60	6.9	125	8.0	44	11.3	3.97	2.60
13 APR	0915	16	140	761	10.6	85	6.9	94	5.8	31	7.27	3.01	1.87
22 JUN	0915	9.1	35	750	4.8	55	6.7	115	21.9	39	9.36	3.73	1.92
20 AUG	0900	3.0	25	760	5.1	59	7.0	106	22.7	33	7.78	3.32	2.19
13	1100	.68	30	755	4.4	53	7.0	114	24.7	36	8.42	3.54	2.31
Date	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	ANC WATER UNFLTRD IT FIELD MG/L AS CACO3 (00419)	BICAR- BONATE IT-FLD (MG/L AS HCO3) (99440)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)
OCT 11 DEC	5.59	29	36	6.01	.1	7.9	5.4	70	.022	.38	.106	E.002	<.007
05	6.08	45	54	6.39	.1	8.3	7.3	86	.016	.34	.057	E.002	<.007
FEB 13	6.17	26	31	8.15	<.1	11.1	7.2	74	.025	.43	.364	.003	E.004
APR 22	6.66	35	43	6.82	.1	8.7	5.4	67	.152	.49	.199	.007	E.005
JUN 20	6.53	31	38	6.15	.1	8.6	5.6	68	.044	.47	.068	E.002	<.007
AUG 13	6.94	24	29	6.01	.2	6.6	5.3	78	.057	.48	.055	.003	<.007
Date	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)
OCT						_							_
11 DEC	<.06	5.4	60	<2	<.1	<.8	<2.0	1.2	510	<1	103	<.01	<2
05 FEB	<.06	5.5											
13 APR	E.03	6.4											
22 JUN	E.03	5.0	90	<2	<.1	<.8	<2.0	1.7	750	М	373	E.01	<2
20 AUG	<.06	6.7											
13		6.4											

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02085000 ENO RIVER AT HILLSBOROUGH, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	SEDI- MENT, SUS- PENDED (MG/L) (80154)		
OCT							
11	<2.0	<2	<.3	<20	1.8	.02	
DEC 05					2.5	.02	
FEB					2.5	.02	
13					7.0	.30	
APR							
22	<2.0	<2	<.3	<20	6.8	.17	
JUN							
20 AUG					7.5	.06	
13					4.2	.01	
13					4.4	.01	

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified