

02090519 CONTENTNEA CREEK NEAR EVANSDALE, NC

LOCATION.--Lat 35°38'34", long 77°53'25", Wilson County, Hydrologic Unit 03020203, at Secondary Road 1622, 0.3 mi downstream from Hominy Swamp, and 2.8 mi southwest of Evansdale.

DRAINAGE AREA.--265 mi²

PERIOD OF RECORD.--Water years 2000 to current year.

REMARKS.--Station operated in cooperation with the U.S. Environmental Protection Agency and the North Carolina Department of Environment and Natural Resources as part of a long-term project to develop a multimedia integrated modeling system (MIMS).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	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)	SODIUM PERCENT (00932)
NOV 15...	1100	55	226	6.7	13.2	764	6.4	60	30	7.80	2.50	27.0	57
JAN 18...	1430	108	127	6.9	8.7	769	--	--	21	5.20	1.90	14.0	54
FEB 07...	1200	172	101	6.7	8.2	774	11.4	95	20	5.00	1.80	11.0	49
APR 05...	1530	1450	60	6.1	13.6	774	9.3	88	15	3.50	1.50	5.2	39
JUL 10...	1315	180	85	6.4	28.0	762	6.2	79	19	4.70	1.70	8.2	44

DATE	RATIO (00931)	SODIUM AD-SORP-TION (MG/L AS K) (00935)	POTAS-SIUM, DIS-SOLVED (MG/L AS SO4) (00945)	SULFATE DIS-SOLVED (MG/L AS CL) (00940)	CHLO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	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, ORGANIC TOTAL (MG/L AS N) (00605)
NOV 15...	2	12.0	20.0	22.0	.3	6.7	143	130	1.68	.020	1.70	.060	.94	
JAN 18...	1	4.10	11.0	13.0	.2	5.8	93	73	--	<.010	.810	.024	.60	
FEB 07...	1	3.60	8.2	11.0	.1	5.0	76	61	--	<.010	.640	.047	.78	
APR 05...	.6	2.40	4.8	6.1	<.1	4.5	59	38	--	<.010	.270	.016	.71	
JUL 10...	.8	3.00	6.6	7.3	.1	4.7	60	51	--	<.010	.300	.035	.92	

DATE	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. TOTAL (MG/L AS N) (00623)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	NITRO-GEN, DIS-SOLVED (MG/L AS N) (00602)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
NOV 15...	.73	1.0	.79	2.7	2.5	.190	.140	.100	690	62.0	10
JAN 18...	.48	.62	.50	1.4	1.3	.090	.030	.020	870	58.0	9.1
FEB 07...	.56	.83	.61	1.5	1.2	.040	<.020	.010	960	56.0	7.5
APR 05...	.54	.73	.56	1.0	.83	.040	<.020	.020	620	23.0	11
JUL 10...	.56	.96	.60	1.3	.90	.100	.030	.030	820	89.0	9.0