

NEUSE RIVER BASIN

0209173192 DRAINAGE DITCH TO TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1999 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 OF (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL AS (MG/L) (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														
14...	1115	.001	168	7.0	12.2	--	4.6	--	51	13.0	4.40	3.8	12	
DEC														
12...	1130	.002	158	5.2	10.7	767	4.6	42	43	11.0	3.80	4.9	17	
JAN														
17...	1230	.001	172	5.2	8.1	774	7.1	59	53	14.0	4.50	4.1	13	
FEB														
06...	1445	.001	165	5.1	9.3	769	7.5	65	50	13.0	4.30	4.3	14	
28...	1130	.00	154	5.3	9.7	768	8.0	70	43	11.0	3.80	5.1	18	
APR														
04...	1645	.04	178	5.6	11.8	773	9.0	82	48	11.0	4.90	5.6	17	
JUL														
11...	0955	.001	153	5.8	22.1	760	5.2	60	39	9.50	3.60	5.1	19	
AUG														
15...	1020	.06	170	5.8	22.7	767	6.8	79	37	8.70	3.80	7.2	21	
SEP														
26...	0930	.003	152	5.7	14.8	770	7.3	71	41	10.0	3.90	5.4	19	
DATE		SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L) AS (K) (00935)	SULFATE DIS-SOLVED (MG/L) AS (SO4) (00945)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (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														
14...	.2	8.90	4.1	18.0	.2	10.0	113	96	4.00	.100	4.10	.160	1.2	
DEC														
12...	.3	5.70	5.1	23.0	.2	9.4	102	91	--	<.010	5.00	.040	.50	
JAN														
17...	.2	5.40	4.0	20.0	.2	11.0	137	110	9.38	.020	9.40	.020	--	
FEB														
06...	.3	5.20	4.3	21.0	.2	10.0	131	97	6.99	.010	7.00	.032	.58	
28...	.3	5.50	5.6	24.0	.1	7.6	115	89	--	<.010	5.20	.033	1.9	
APR														
04...	.4	8.30	10.0	28.0	.1	6.5	115	98	--	<.010	4.00	.028	.39	
JUL														
11...	.4	7.20	5.7	26.0	.2	8.2	108	80	.880	.070	.950	1.80	.90	
AUG														
15...	.5	16.0	9.0	30.0	.2	7.4	130	97	--	<.010	.950	.070	.93	
SEP														
26...	.4	7.80	5.1	28.0	.1	8.5	111	84	--	<.010	1.70	.130	1.1	
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. (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)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	CARBON, ORGANIC DIS-SOLVED (MG/L) AS (C) (00681)
NOV														
14...	.39	1.4	.55	5.5	4.6	.210	.060	.050	80	48.0	-27.12	-5.10	4.2	
DEC														
12...	.24	.54	.28	5.5	5.3	.040	<.020	.010	140	60.0	-29.59	-5.25	3.3	
JAN														
17...	--	<.20	<.20	--	--	<.020	<.020	<.010	50	73.0	-31.24	-5.30	1.6	
FEB														
06...	--	.61	<.20	7.6	--	.020	<.020	<.010	70	61.0	-26.97	-5.24	1.6	
28...	--	1.9	<.20	7.1	--	.220	<.020	<.010	50	50.0	-29.31	-5.20	3.0	
APR														
04...	.29	.42	.32	4.4	4.3	<.020	<.020	.020	90	40.0	--	--	3.5	
JUL														
11...	.70	2.7	2.5	3.7	3.5	.090	.040	.030	260	137	--	--	7.9	
AUG														
15...	.83	1.0	.90	1.9	1.9	.120	.060	.050	340	54.0	--	--	8.4	
SEP														
26...	.17	1.2	.30	2.9	2.0	.150	<.020	<.010	100	64.0	--	--	3.5	