

NEUSE RIVER BASIN

0209173190 UNNAMED 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 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (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)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	
OCT														
30...	1035	--	777	.4	5	5.0	201	18.5	44.0	6.50	6.80	1.80	E2.0	
NOV														
19...	1400	--	769	.2	2	5.6	235	10.4	47.0	6.6	4.6	2.14	2.6	
DEC														
19...	1200	--	765	.9	8	5.5	220	9.7	43.5	6.1	3.9	2.25	3.1	
JAN														
22...	1215	--	777	8.6	70	5.3	255	6.9	36.2	6.1	14.8	.48	1.1	
FEB														
21...	1210	--	763	7.5	64	5.2	247	8.5	36.4	6.8	14.4	.85	1.3	
MAR														
25...	1415	--	769	7.0	65	5.3	219	12.6	34.9	5.9	12.4	.90	1.4	
APR														
09...	0950	--	774	4.4	41	5.1	177	12.6	25.5	6.3	11.0	.64	1.3	
MAY														
09...	1100	--	769	1.2	13	5.7	333	18.9	37.7	7.3	7.5	6.20	7.5	
JUN														
27...	1415	.0	765	.4	4	6.4	300	24.2	39.4	4.6	2.5	3.96	5.4	
JUL														
24...	1400	.0	767	2.8	36	7.1	337	27.9	34.9	3.5	3.7	1.76	5.6	
Date		NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4) (00660)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
OCT														
30...	E2.7	2.32	--	--	--	<.02	--	<.010	--	--	--	--	--	<.02
NOV														
19...	2.9	2.76	--	--	--	<.05	--	<.008	.46	.80	--	--	--	.012
DEC														
19...	3.4	2.90	--	--	--	<.05	--	<.008	.82	1.2	--	.074	.039	
JAN														
22...	1.3	.62	9.3	--	--	8.13	--	<.040	.64	.86	9.5	--	--	.023
FEB														
21...	1.7	1.09	8.2	6.78	30.0	6.83	.151	.046	.49	.84	8.5	--	--	.010
MAR														
25...	1.6	1.16	5.6	4.18	18.5	4.23	.164	.050	.47	.72	5.9	--	--	.016
APR														
09...	1.8	.82	6.1	4.79	21.2	4.82	.099	.030	.63	1.1	6.6	--	--	.019
MAY														
09...	7.8	7.98	8.7	1.17	5.16	1.22	.164	.050	1.3	1.6	9.0	.132	.132	.061
JUN														
27...	6.9	5.11	5.5	.11	.505	.18	.204	.062	1.4	3.0	7.1	.089	.089	.074
JUL														
24...	7.8	2.27	5.8	.14	.637	.23	.286	.087	3.8	6.1	8.1	.144	.144	.087

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Date	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	IRON, DIS- SOLVED (UG/L AS FE) (01046)
OCT			
30...	<.01	E.28	394
NOV			
19...	<.02	.32	5060
DEC			
19...	.02	.27	1590
JAN			
22...	E.01	.069	281
FEB			
21...	<.02	.035	317
MAR			
25...	<.02	.047	492
APR			
09...	<.02	.153	570
MAY			
09...	.04	.133	5440
JUN			
27...	.03	.26	1600
JUL			
24...	.05	.39	1940

Remark codes used in this report:

< -- Less than  
E -- Estimated value