

0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988-91, 1994 to current year.

REMARKS.--Station operated to define the impacts of various land-use development on surface-water quality in the Upper Neuse River basin.

COOPERATION.--For the period February 1988 through June 1989 the inorganic chemical data and trace metal data were analyzed by the city of Durham's Brown Water Treatment Plant Laboratory.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	
Date		Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Organic nitrogen, water, unfltrd mg/L (00605)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Aluminum, water, unfltrd recover-able, ug/L (01105)	Arsenic water unfltrd ug/L (01002)	Cadmium water, unfltrd ug/L (01027)	Chromium, water, unfltrd recover-able, ug/L (01034)	Cobalt water, unfltrd recover-able, ug/L (01037)
OCT 16...	1330													
DEC 17...	1300													
JAN 31...	1215													
FEB 27...	1530													
MAR 20...	1300													
MAY 16...	1215													
MAY 22...	1300													
JUN 25...	1315													
JUL 30...	1415													
AUG 21...	1330													
SEP 04...	1230													
OCT 16...	0.011	0.56	0.87	0.05	0.06	0.14	1.2	1.5	--	--	--	--	--	--
DEC 17...	<0.008	--	--	<0.02	E.02	E.02	0.76	0.78	--	--	--	--	--	--
JAN 31...	E.005	0.29	0.43	E.01	E.03	0.06	0.79	0.93	270	<2	<0.2	<0.8	<3.4	
FEB 27...	<0.008	0.25	0.70	0.06	0.13	0.23	0.75	1.2	--	--	--	--	--	
MAR 20...	E.005	0.41	1.0	0.05	0.07	0.27	0.70	1.3	1,110	<2	<0.2	E.6	E2.4	
MAY 16...	E.006	--	--	E.01	E.02	0.04	0.65	0.72	--	--	--	--	--	
MAY 22...	E.007	0.52	1.1	0.03	0.04	0.20	0.94	1.5	890	<2	<0.2	E.6	E2.8	
JUN 25...	<0.008	--	--	<0.02	E.02	E.03	0.66	0.68	--	--	--	--	--	
JUL 30...	<0.008	--	--	<0.02	<0.04	E.03	0.53	0.63	59	<2	<0.2	<0.8	<3.4	
AUG 21...	E.004	--	--	<0.18	<0.04	E.02	--	--	--	--	--	--	--	
SEP 04...	<0.008	--	--	<0.02	<0.04	E.04	0.69	0.69	--	--	--	--	--	









