

0208524975 LITTLE RIVER BELOW LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1995 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.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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)
OCT 05...	1300	3.5	760	7.6	88	6.9	79	22.8	.39	.40	<.04	--	.16
NOV 22...	1145	8.5	754	9.2	91	6.8	93	14.9	.41	.41	.06	--	.18
DEC 22...	1130	13	759	--	--	--	--	--	.43	.47	E.03	.25	.26
FEB 11...	1230	36	752	12.3	100	7.6	81	6.2	.46	.50	E.02	--	.33
APR 07...	1345	56	749	10.9	110	7.6	80	15.0	.37	.55	<.04	--	.26
JUN 02...	1430	14	752	7.1	76	7.1	103	18.1	.66	.73	.17	--	.23
JUL 29...	0945	2.7	758	4.0	51	6.6	102	26.8	.40	.49	.07	--	.07

Date	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Organic nitrogen, water, unfltrd mg/L (00605)	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT 05...	E.005	--	--	.55	.56	<.02	<.04	E.02	5	.05
NOV 22...	E.004	.36	.35	.60	.59	<.02	E.03	<.04	6	.14
DEC 22...	.013	--	--	.69	.73	<.02	E.02	E.03	5	.18
FEB 11...	<.008	--	--	.79	.83	<.02	<.04	E.03	5	.48
APR 07...	<.008	--	--	.63	.81	<.02	<.04	E.04	8	1.2
JUN 02...	E.006	.48	.55	.89	.96	<.02	E.02	E.03	7	.26
JUL 29...	<.008	.33	.43	.47	.56	<.02	<.04	E.04	8	.06