

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 2003 TO SEPTEMBER 2004

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 03...	1245	3.9	758	7.8	84	6.9	79	19.1	.42	.46	.05	--	.21
DEC 11...	1230	1,170	749	11.6	106	7.1	76	10.4	.61	.52	E.02	.29	.31
FEB 20...	1215	57	759	14.8	122	7.2	80	6.8	.38	.46	<.04	--	.35
APR 08...	1315	28	742	10.7	109	7.5	89	14.9	.26	.39	<.04	--	.24
MAY 03...	1215	72	755	7.7	78	7.2	102	15.7	.41	.55	<.04	--	.22
JUN 04...	1145	4.5	755	6.0	71	6.8	101	22.9	.37	.52	.09	--	.14
JUL 23...	1015	4.2	751	5.6	71	6.9	117	26.3	.52	.69	.07	--	.25
AUG 30...	1415	110	754	7.5	88	6.6	81	23.0	1.0	1.4	.27	--	.35

Date	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Organic nitrogen, water, unfltrd mg/L (00605)	Ortho-phosphate, 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)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT 03...	E.004	.37	.41	E.01	E.02	E.02	.64	.68	3	.03
DEC 11...	.014	--	--	<.02	<.04	E.03	.91	.82	5	16
FEB 20...	E.005	--	--	<.02	<.04	E.03	.73	.82	5	.77
APR 08...	<.008	--	--	<.02	<.04	E.02	.51	.64	4	.30
MAY 03...	<.008	--	--	<.02	<.04	.05	.63	.77	49	9.5
JUN 04...	E.005	.28	.43	<.02	<.04	E.04	.51	.66	8	.10
JUL 23...	E.004	.45	.62	.03	.05	.08	.77	.94	16	.18
AUG 30...	E.005	.77	1.2	.32	.34	.45	1.4	1.8	266	79