

Water-Data Report 2012

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC

 Neuse Basin
 Upper Neuse Subbasin

LOCATION.--Lat 36°06'52", long 78°51'30" referenced to North American Datum of 1983, Durham County, NC, Hydrologic Unit 03020201, 0.2 mi above mouth and 0.8 mi northeast of Fairntosh.

DRAINAGE AREA.--0.86 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1994 to June 2012 (discontinued).

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 2011 TO SEPTEMBER 2012**

Part 1 of 20

[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Discharge, instantaneous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)
10-27-2011	1400	Surface water	Regular	748	0.16	8.4	83	7.3
11-04-2011	1145	Surface water	Regular	754	2.7	8.6	--	5.9
11-04-2011	1150	QC sample - Surface water	Replicate	--	--	--	--	--
11-29-2011	1515	Surface water	Regular	746	1.6	8.8	86	7.1
12-22-2011	1345	Surface water	Regular	758	1.4	8.9	86	6.2
12-22-2011	1350	QC sample - Surface water	Replicate	--	--	--	--	--
03-13-2012	1130	Surface water	Regular	760	.36	10.3	99	7.5
03-20-2012	1230	Surface water	Regular	756	3.0	8.5	89	6.2
06-07-2012	1245	Surface water	Regular	757	.03	6.6	72	6.5

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, unfiltered, mg/L as P (00665)	Aluminum, water, unfiltered, recoverable, µg/L (01105)
10-27-2011	1400	155	14.5	0.30	<.010	<.01	0.022	0.041	--
11-04-2011	1145	--	12.4	.77	.019	.78	.150	.249	521
11-04-2011	1150	--	--	.82	.019	.77	.151	.228	518
11-29-2011	1515	129	13.7	.84	.012	.41	.119	.184	547
12-22-2011	1345	157	13.8	.46	<.010	.32	.038	.076	308
12-22-2011	1350	--	--	.48	<.010	.32	.037	.074	325
03-13-2012	1130	184	13.5	.38	.017	.04	.007	.015	--
03-20-2012	1230	124	17.3	1.4	.042	1.00	.042	.125	508
06-07-2012	1245	244	18.8	.34	.026	.11	.006	.047	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Cadmium, water, unfiltered, µg/L (01027)	Chromium, water, unfiltered, µg/L (01034)	Cobalt, water, unfiltered, µg/L (01037)	Copper, water, unfiltered, µg/L (01042)	Iron, water, unfiltered, µg/L (01045)	Lead, water, unfiltered, µg/L (01051)	Manganese, water, unfiltered, µg/L (01055)	Mercury, water, unfiltered, µg/L (71900)	Molybdenum, water, unfiltered, µg/L (01062)
10-27-2011	1400	--	--	--	--	--	--	--	--	--
11-04-2011	1145	.058	.58	.37	3.8	604	.70	86.8	.012	.14
11-04-2011	1150	.024	.59	.37	3.8	601	.70	86.4	.009	.14
11-29-2011	1515	<.016	.75	.33	4.5	628	.53	81.4	.007	.14
12-22-2011	1345	<.016	.36	.28	2.6	530	.31	81.1	<.005	.17
12-22-2011	1350	.033	.34	.28	2.6	541	.31	80.5	<.005	.15
03-13-2012	1130	--	--	--	--	--	--	--	--	--
03-20-2012	1230	<.016	.43	.37	4.0	740	.69	83.6	.007	.17
06-07-2012	1245	--	--	--	--	--	--	--	--	--

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Nickel, water, unfiltered, recoverable, µg/L (01067)	Silver, water, unfiltered, recoverable, µg/L (01077)	Zinc, water, unfiltered, recoverable, µg/L (01092)	Arsenic, water, unfiltered, µg/L (01002)	Selenium, water, unfiltered, µg/L (01147)	(0.7 micron glass fiber filter), recoverable, µg/L (49295)	1-Naphthol, water, filtered recoverable, µg/L (50470)	2,4-D methyl ester, water, filtered recoverable, µg/L (50470)	2,4-DB, water, filtered recoverable, µg/L (39732)	(0.7 micron glass fiber filter), recoverable, µg/L (38746)
10-27-2011	1400	--	--	--	--	--	--	--	--	--	--
11-04-2011	1145	.52	<.015	3.9	.98	.108	--	--	--	--	--
11-04-2011	1150	.50	<.015	6.3	1.0	.130	--	--	--	--	--
11-29-2011	1515	.87	<.015	3.8	1.2	.123	--	--	--	--	--
12-22-2011	1345	.34	<.015	<3.0	.78	.106	--	--	--	--	--
12-22-2011	1350	.39	<.015	<3.0	.69	.112	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--	--	--
03-20-2012	1230	.52	<.015	5.0	1.0	.154	<.0360	<.200	.65	<.02	--
06-07-2012	1245	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	2,6-Diethyl-aniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2-Chloro-2'-6'-diethylacetanilide, water, filtered, recoverable, µg/L (61618)	2-Chloro-4-isopropylamino-6-triazine, water, filtered, recoverable, µg/L (04040)	2-Chloro-6-ethylamino-4-triazine, water, filtered, recoverable, µg/L (04038)	2-Ethyl-6-methylamino-s-triazine, water, filtered, recoverable, µg/L (61620)	4-isopropylamino-6-ethylamino-s-triazine, water, filtered, recoverable, µg/L (50355)	2-Hydroxy-4-isopropylamino-6-ethylamino-s-triazine, water, filtered, recoverable, µg/L (61625)	3,4-Dichloroaniline, water, filtered, recoverable, µg/L (61627)	3,5-Dichloroaniline, water, filtered, recoverable, µg/L (61627)	3-Hydroxy-carbo-furan, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49308)
10-27-2011	1400	--	--	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--	--	--
03-20-2012	1230	<.0060	<.010	E.025	E.266	<.010	.013	<.0060	.010	<.060	--
06-07-2012	1245	--	--	--	--	--	--	--	--	--	--

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	4-Chloro-2-methylphenol, water, filtered, recoverable, µg/L (61633)	Aceto-chlor, water, filtered, recoverable, µg/L (49260)	Aci fluor-fen, water, glass fiber, recoverable, µg/L (49315)	Alachlor, water, filtered, recoverable, µg/L (46342)	Aldicarb sulfone, water, filtered, recoverable, µg/L (49313)	Aldicarb sulfoxide, water, filtered, recoverable, µg/L (49314)	Aldicarb, water, glass fiber, filter), recoverable, µg/L (49312)	alpha-Endosulfan, water, filtered, recoverable, µg/L (34362)	alpha-HCH, water, filtered, recoverable, µg/L (34253)
10-27-2011	1400	--	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--	--
03-20-2012	1230	E .0049	<.010	<.080	<.008	<.08	<.080	<.12	<.006	<.0040
06-07-2012	1245	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Atrazine, water, filtered, recoverable, µg/L (39632)	Azinphos-methyl, oxygen analog, water, filtered, recoverable, µg/L (61635)	Bendio-carb, glass fiber, filter), recoverable, µg/L (82686)	Benfluralin, water, filtered, recoverable, µg/L (50299)	Benomyl, glass fiber, filter), recoverable, µg/L (82673)	Bensulfuron-methyl, water, filtered, recoverable, µg/L (50300)	Bentazon, glass fiber, filter), recoverable, µg/L (61693)	Bromacil, water, filtered, recoverable, µg/L (38711)
10-27-2011	1400	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--
03-20-2012	1230	.014	<.042	<.120	<.04	<.014	<.060	<.06	<.06
06-07-2012	1245	--	--	--	--	--	--	--	--

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Bromoxynil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49311)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (04028)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49310)	Chloramben, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49309)	Chlorimethylester, water, filtered, recoverable, µg/L (61188)	Chlorisuron-methyl, water, filtered, recoverable, µg/L (50306)	Chlorpyrifos, oxygen analog, water, filtered, recoverable, µg/L (61636)	Chlorpyrifos, water, filtered, recoverable, µg/L (38933)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687)
10-27-2011	1400	--	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--	--
03-20-2012	1230	< .12	< .0040	< .04	< .040	< .20	< .080	< .08	< .0036	< .010
06-07-2012	1245	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Clopyralid, cis-water, Propiconazole, water, filtered, recoverable, µg/L (79846)	Cyanazine, water, glass fiber filter), recoverable, µg/L (49305)	Cycloate, water, filtered, recoverable, µg/L (04041)	Cyfluthrin, water, filtered, recoverable, µg/L (04031)	Cypermethrin, water, filtered, recoverable, µg/L (61585)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (61586)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49304)	Desulfurinyl- fipronil amide, water, filtered, recoverable, µg/L (82682)	Desulfurinyl- fipronil amide, water, filtered, recoverable, µg/L (62169)
10-27-2011	1400	--	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--	--
03-20-2012	1230	< .008	< .14	< .022	< .04	< .016	< .020	< .04	< .0076	< .029
06-07-2012	1245	--	--	--	--	--	--	--	--	--

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Dichlor-								Dimetho- ate, water, filtered	Dinoseb, water, filtered
		Desulfinyl- fipronil, water, filtered, recover- able, µg/L (62170)	Diazinon, water, filtered, recover- able, µg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38442)	prop, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49302)	Dichlor- vos, water, filtered, recover- able, µg/L (38775)	Dicroto- phos, water, filtered, recover- able, µg/L (38454)	Dieldrin, water, filtered, recover- able, µg/L (39381)			
10-27-2011	1400	--	--	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--	--	--
03-20-2012	1230	.003	<.0060	<.06	<.04	<.04	<.08	<.008	<.0100	<.04	
06-07-2012	1245	--	--	--	--	--	--	--	--	--	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Ethal-								Ethion monoxon, water, filtered,	Ethion, water, filtered,
		Di- phenamid, water, filtered, recover- able, µg/L (04033)	Disulfoton, sulfone, water, filtered, recover- able, µg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49300)	Endosulfan, sulfate, water, filtered, recover- able, µg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82668)	fluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82663)			
10-27-2011	1400	--	--	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--	--	--
03-20-2012	1230	<.04	<.014	<.040	<.04	<.016	<.0056	<.006	<.021	<.010	
06-07-2012	1245	--	--	--	--	--	--	--	--	--	

Water-Data Report 2012

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Ethoprop, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82672)	Fenami- phos sulfone, water, filtered, recover- able, µg/L (61645)	Fenami- phos sulfoxide, water, filtered, recover- able, µg/L (61646)	Fenami- phos water, filtered, recover- able, µg/L (61591)	Fenuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49297)	Fipronil sulfide, water, filtered, recover- able, µg/L (62167)	Fipronil sulfone, water, filtered, recover- able, µg/L (62168)	Flumet- sulam, water, filtered, recover- able, µg/L (61694)
10-27-2011	1400	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--
03-20-2012	1230	< .016	< .054	< .08	< .030	< .06	E .002	< .024	E .003
06-07-2012	1245	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Fluome- turon, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38811)	Fonofos, water, filtered, recover- able, µg/L (04095)	Hexa- zinone, water, filtered, recover- able, µg/L (04025)	Imazaquin, water, filtered, recover- able, µg/L (50356)	Imaze- thapyr, water, filtered, recover- able, µg/L (50407)	Imi- dacloprid, water, filtered, recover- able, µg/L (61695)	Iprodione, water, filtered, recover- able, µg/L (61593)	Isofen- phos, water, filtered, recover- able, µg/L (61594)	lambda- Cyhalo- thrin, water, filtered, recover- able, µg/L (61595)
10-27-2011	1400	--	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--	--
03-20-2012	1230	< .04	< .0048	< .012	< .10	< .08	E .050	E .015	< .008	< .010
06-07-2012	1245	--	--	--	--	--	--	--	--	--

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Linuron, water, filtered (0.7 micron water, glass fiber filter), recover- able, µg/L (39341)	Malaoxon, water, filtered, recover- able, µg/L (61652)	Malathion, water, filtered, recover- able, µg/L (39532)	MCPA, water, filtered (0.7 micron water, glass fiber filter), recover- able, µg/L (38482)	MCPB, water, filtered (0.7 micron water, glass fiber filter), recover- able, µg/L (38487)	Metalaxyl, water, filtered, recover- able, µg/L (50359)	Methidathion, water, filtered, recover- able, µg/L (61598)	Methio- carb, water, filtered (0.7 micron water, glass fiber filter), recover- able, µg/L (38501)
10-27-2011	1400	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--
03-20-2012	1230	< .0040	< .04	< .022	< .016	.04	< .20	.14	< .012
06-07-2012	1245	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Methomyl, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49296)	Methyl paraoxon, water, filtered, recover- able, µg/L (61664)	Parathion, water, filtered (0.7 micron water, glass fiber filter), recover- able, µg/L (82667)	Metola-chlor, water, filtered, recover- able, µg/L (39415)	Metribuzin, water, filtered, recover- able, µg/L (82630)	Metsulfuron-methyl, water, filtered, recover- able, µg/L (61697)	Molinate, water, filtered, recover- able, µg/L (82671)	N-(4-Chlorophenyl)-N'-methylurea, water, filtered, recover- able, µg/L (61599)
10-27-2011	1400	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--
03-20-2012	1230	< .120	< .014	< .008	< .020	< .012	< .14	< .0040	< .451
06-07-2012	1245	--	--	--	--	--	--	--	--

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Naprop-amide, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82684)	Neburon, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49294)	Nico-sulfuron, water, filtered, recover- able, µg/L (50364)	Nor-flurazon, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49292)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38866)	Oxy-fluorfen, water, filtered, recover- able, µg/L (61600)	p,p'-DDE, water, filtered, recover- able, µg/L (34653)	Parathion, water, filtered, recover- able, µg/L (39542)
10-27-2011	1400	--	--	--	--	--	--	--	--	--
11-04-2011	1145	--	--	--	--	--	--	--	--	--
11-04-2011	1150	--	--	--	--	--	--	--	--	--
11-29-2011	1515	--	--	--	--	--	--	--	--	--
12-22-2011	1345	--	--	--	--	--	--	--	--	--
12-22-2011	1350	--	--	--	--	--	--	--	--	--
03-13-2012	1130	--	--	--	--	--	--	--	--	--
03-20-2012	1230	< .008	< .02	< .32	< .04	< .04	< .12	< .010	< .002	< .020
06-07-2012	1245	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82669)	Phorate, water, oxygen analog, (0.7 micron glass fiber filter), recover- able, µg/L (82683)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (61666)	Phosmet, water, oxygen analog, (0.7 micron glass fiber filter), recover- able, µg/L (82664)	Phosmet, water, filtered, recover- able, µg/L (61668)	Picloram, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (61601)	Prometon, water, filtered, recover- able, µg/L (49291)	Prometryn, water, filtered, recover- able, µg/L (04036)	
10-27-2011	1400	--	--	--	--	--	--	--	--	
11-04-2011	1145	--	--	--	--	--	--	--	--	
11-04-2011	1150	--	--	--	--	--	--	--	--	
11-29-2011	1515	--	--	--	--	--	--	--	--	
12-22-2011	1345	--	--	--	--	--	--	--	--	
12-22-2011	1350	--	--	--	--	--	--	--	--	
03-13-2012	1130	--	--	--	--	--	--	--	--	
03-20-2012	1230	< .0160	.026	< .027	< .020	< .0511	< .080	< .10	.005	< .010
06-07-2012	1245	--	--	--	--	--	--	--	--	

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WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Propanil, water, filtered chlor, water, filtered, recover- able, µg/L (04024)	Propargite, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82679)	Propham, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82685)	Propicon- azole, water, filtered, recover- able, µg/L (49236)	Propoxur, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (50471)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38538)	Siduron, water, filtered, recover- able, µg/L (82676)	Simazine, water, filtered, recover- able, µg/L (38548)	
10-27-2011	1400	--	--	--	--	--	--	--	--	
11-04-2011	1145	--	--	--	--	--	--	--	--	
11-04-2011	1150	--	--	--	--	--	--	--	--	
11-29-2011	1515	--	--	--	--	--	--	--	--	
12-22-2011	1345	--	--	--	--	--	--	--	--	
12-22-2011	1350	--	--	--	--	--	--	--	--	
03-13-2012	1130	--	--	--	--	--	--	--	--	
03-20-2012	1230	< .006	< .010	< .020	< .040	< .038	< .060	< .0036	< .04	1.75
06-07-2012	1245	--	--	--	--	--	--	--	--	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Tebu- thiuron, water, filtered Sulfo- meturon- methyl, water, filtered, recover- able, µg/L (50337)	Tefluthrin, water, filtered, recover- able, µg/L (82670)	Terbacil, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (61606)	Terbacil, water, filtered, recover- able, µg/L (82665)	Terbufos oxygen analog water, filtered, recover- able, µg/L (04032)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (61674)	Terbutyl- azine, water, filtered, recover- able, µg/L (82675)	Thioben- carb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (04022)	
10-27-2011	1400	--	--	--	--	--	--	--	--	
11-04-2011	1145	--	--	--	--	--	--	--	--	
11-04-2011	1150	--	--	--	--	--	--	--	--	
11-29-2011	1515	--	--	--	--	--	--	--	--	
12-22-2011	1345	--	--	--	--	--	--	--	--	
12-22-2011	1350	--	--	--	--	--	--	--	--	
03-13-2012	1130	--	--	--	--	--	--	--	--	
03-20-2012	1230	< .060	< .028	< .014	< .024	< .046	< .045	< .018	< .008	< .016
06-07-2012	1245	--	--	--	--	--	--	--	--	

0208524950 LITTLE RIVER TRIBUTARY AT FAIRNTOSH, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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[%, percent; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Triallate, trans- Propicon- azole, water, filtered, recover-	water, filtered (0.7 micron Tribuphos, glass fiber water, filtered, recover-	Triclopyr, water, filtered (0.7 micron (0.7 micron recover-	Trifluralin, water, filtered (0.7 micron glass fiber recover-	2,4-D plus methyl ester, sum on a molar basis, microgram s per liter as 2,4-D (66496)	Caffeine, water, filtered, recover-	Suspended sediment concentration, mg/L (80154)	Suspended sediment discharge, tons per day (80155)	
10-27-2011	1400	--	--	--	--	--	--	6	0.00	
11-04-2011	1145	--	--	--	--	--	--	30	.22	
11-04-2011	1150	--	--	--	--	--	--	--	--	
11-29-2011	1515	--	--	--	--	--	--	--	--	
12-22-2011	1345	--	--	--	--	--	--	14	.05	
12-22-2011	1350	--	--	--	--	--	--	--	--	
03-13-2012	1130	--	--	--	--	--	--	3	.00	
03-20-2012	1230	<.018	<.0046	E .032	.14	.004	E .70	.020	30	.24
06-07-2012	1245	--	--	--	--	--	--	2	.00	