

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC

LOCATION.--Lat 35°31'13", long 78°20'57", Johnston County, Hydrologic Unit 03020201, at water supply intake, 0.8 mi above U.S. Highway 70 and 0.9 mi northwest of Smithfield.

DRAINAGE AREA.--1,200 mi².

PERIOD OF RECORD.--October 2002 to September 2003

REMARKS.--Station operated as part of NAWQA program from October 2002 to present.

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

Date	Time	Medium code	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfiltered uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Organic carbon, water, fltrd, mg/L (00681)	E coli, modif. m-TEC, water, col/100 mL (90902)	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)		
Date			2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Diethyl-aniline water, fltrd 0.7u GF ug/L (82660)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-[(2-Me-Ph)-amino]propan-1-ol, ug/L (61615)	2Chloro-2,6'-diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Ethyl-6-methylaniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3,4-Dichloroaniline water, fltrd, ug/L (61625)	
OCT 24...	1030	9	769	7.8	80	7.0	153	17.6	6.4	220	<0.5	<0.5	<0.09		
NOV 13...	1030	9	758	7.8	78	6.9	100	15.4	7.4	2,000	<0.5	<0.5	E.01		
DEC 12...	1100	9	763	10.3	86	6.4	108	7.5	7.6	250	<0.5	<0.5	<0.09		
JAN 16...	1300	9	764	12.6	96	7.4	155	4.2	5.1	34	<0.5	<0.5	<0.09		
JAN 31...	1030	9	764	12.0	94	7.0	192	5.0	5.1	--	<0.5	<0.5	<0.09		
FEB 11...	1330	9	760	11.8	94	7.0	95	5.4	6.3	97	<0.5	<0.5	<0.09		
MAR 20...	1100	9	755	9.8	90	6.9	92	10.9	6.2	83	<0.5	<0.5	<0.09		
APR 09...	1100	9	757	8.9	83	6.7	91	11.9	6.6	330	<0.5	<0.5	E.01		
MAY 07...	1100	9	760	6.8	73	5.8	116	18.4	6.4	E220	<0.5	<0.5	<0.09		
JUN 04...	1000	9	755	7.5	85	6.0	78	20.9	6.6	K42	<0.5	<0.5	<0.09		
JUL 22...	1130	9	755	6.6	85	5.8	132	28.1	6.0	90	<0.5	<0.5	<0.09		
AUG 21...	1000	9	760	7.1	90	6.8	94	27.1	6.6	100	<0.5	<0.5	<0.09		
SEP 09...	1000	9	749	6.8	80	7.5	138	22.6	4.9	--	<0.5	<0.5	<0.09		
OCT 24...			<0.009	0.04	<0.02	<0.006	<0.5	<0.1	<0.005	E.004	E.01	<0.004	E.026	<0.5	0.017
NOV 13...			<0.009	0.05	<0.02	<0.006	<0.5	<0.1	<0.005	<0.006	<0.04	<0.004	<0.008	<0.5	<0.006
DEC 12...			<0.009	0.03	<0.02	<0.006	<0.5	<0.1	<0.005	<0.006	<0.04	<0.004	<0.008	<0.5	<0.004
JAN 16...			<0.009	<0.02	<0.02	<0.006	<0.5	<0.1	<0.005	E.003	<0.04	<0.004	<0.008	<0.5	0.048
JAN 31...			<0.009	<0.02	<0.02	<0.006	<0.5	<0.1	<0.005	E.004	<0.04	<0.004	<0.008	<0.5	0.056
FEB 11...			<0.009	0.03	<0.02	<0.006	<0.5	<0.1	<0.005	E.003	<0.04	<0.004	<0.008	<0.5	0.012
MAR 20...			<0.009	0.02	<0.02	<0.006	<0.5	<0.1	<0.005	E.003	<0.04	<0.004	E.009	<0.5	0.007
APR 09...			<0.009	0.18	<0.02	<0.006	<0.5	<0.1	<0.005	<0.006	E.03	<0.004	<0.008	<0.5	0.024
MAY 07...			<0.009	0.10	<0.02	<0.006	<0.5	<0.1	<0.005	<0.006	E.02	<0.004	E.022	<0.5	0.029
JUN 04...			<0.009	0.04	<0.02	<0.006	<0.5	<0.1	<0.005	E.008	<0.04	<0.004	<0.008	<0.5	0.010
JUL 22...			<0.009	<0.02	<0.02	<0.006	<0.5	<0.1	<0.005	E.018	E.01	<0.004	E.036	<0.5	0.026
AUG 21...			<0.009	0.03	<0.02	<0.006	<0.5	<0.1	<0.005	E.017	<0.04	<0.004	<0.008	<0.5	0.015
SEP 09...			<0.009	0.09	<0.02	<0.006	<0.5	<0.1	<0.005	E.010	E.01	<0.004	E.029	<0.5	0.049

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

Date	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Hydroxy-carbo-furan, wat flt 0.7u GF ug/L (49308)	3-Keto-carbo-furan, water, fltrd, ug/L (50295)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4Chloro-2methyl phenol, water, fltrd, ug/L (61633)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-chlor-ESA, water, fltrd 0.7u GF ug/L (61029)
OCT 24...	M	<0.006	<2	<1	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05
NOV 13...	M	<0.006	<2	<1	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05
DEC 12...	<2	<0.006	<2	<1	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05
JAN 16...	<2	<0.006	<2	<1	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05
JAN 31...	<2	<0.006	<2	<1	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05
FEB 11...	<2	<0.006	<2	<1	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05
MAR 20...	<2	<0.006	<2	<1	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05
APR 09...	<2	<0.006	<2	<1	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05
MAY 07...	M	<0.006	<2	<1	<5	<0.006	<1	<1	E1	<1	<2	E.1	<0.05
JUN 04...	<2	<0.006	<2	M	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05
JUL 22...	<2	<0.006	<2	<1	<5	<0.006	<1	<1	E2	<1	<2	<0.5	<0.05
AUG 21...	<2	<0.006	<2	<1	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05
SEP 09...	M	<0.006	<2	<1	<5	<0.006	<1	<1	<5	<1	<2	<0.5	<0.05

Date	Aceto-chlor- OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor, water, fltrd, ug/L (49260)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Acifluor-fen, water, fltrd 0.7u GF ug/L (49315)	Ala-chlor-ESA, water, fltrd 0.7u GF ug/L (50009)	Ala-chlor- OA, water, fltrd 0.7u GF ug/L (61031)	Ala-chlor, water, fltrd, ug/L (46342)	Aldi-carb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)	Aldi-carb, water, fltrd 0.7u GF ug/L (49312)	Anthra-cene, water, fltrd, ug/L (34221)	Atra-zine, water, fltrd, ug/L (39632)
OCT 24...	<0.05	<0.006	<0.5	E.1	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	0.008
NOV 13...	<0.05	<0.006	<0.5	E.1	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	<0.007
DEC 12...	<0.05	<0.006	<0.5	E.1	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	<0.007
JAN 16...	<0.05	<0.006	<0.5	E.2	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	E.003
JAN 31...	<0.05	<0.006	<0.5	E.2	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	<0.007
FEB 11...	<0.05	<0.006	<0.5	<0.5	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	<0.007
MAR 20...	<0.05	<0.006	<0.5	E.1	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	E.004
APR 09...	<0.05	<0.006	<0.5	E.1	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	0.018
MAY 07...	<0.05	<0.006	<0.5	E.1	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	0.040
JUN 04...	<0.05	<0.006	<0.5	E.1	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	0.083
JUL 22...	<0.05	<0.006	E.1	E.1	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	0.150
AUG 21...	<0.05	<0.006	<0.5	<0.5	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	0.148
SEP 09...	<0.05	<0.006	<0.5	E.1	<0.007	<0.05	<0.05	<0.004	<0.02	<0.008	<0.04	<0.5	0.060

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

Date	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF ug/L (38711)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigma-stanol, water, fltrd, ug/L (62086)	Bisphe-nol A, water, fltrd, ug/L (62069)	Broma-cil, water, fltrd, ug/L (04029)
OCT 24...	<0.02	<0.050	<0.03	<0.010	0.007	<0.02	<0.01	<0.5	<0.5	M	M	<1	<0.03
NOV 13...	<0.02	<0.050	<0.03	<0.010	0.009	<0.02	<0.01	<0.5	<0.5	E1	E1	<1	<0.03
DEC 12...	<0.02	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.5	<0.5	<2	<2	<1	<0.03
JAN 16...	<0.02	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.5	M	<2	<2	<1	<0.03
JAN 31...	<0.02	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.5	<0.5	<2	<2	<1	<0.03
FEB 11...	<0.02	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.5	<0.5	<2	<2	<1	<0.03
MAR 20...	<0.02	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.5	<0.5	<2	<2	<1	<0.03
APR 09...	<0.02	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.5	<0.5	<2	<2	<1	<0.03
MAY 07...	<0.02	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.5	M	<2	E1	<1	<0.03
JUN 04...	<0.03	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.5	<0.5	<2	<2	<1	<0.03
JUL 22...	<0.02	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.5	E.1	E2	E2	M	<0.03
AUG 21...	<0.02	<0.050	<0.03	<0.010	0.004	<0.02	<0.01	<0.5	<0.5	<2	<2	<1	<0.03
SEP 09...	<0.03	<0.050	<0.03	<0.010	0.011	<0.02	E.02	<0.5	<0.5	M	M	<1	<0.03

Date	Brom-oxynil, water, fltrd 0.7u GF (49311)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF (49310)	Car-baryl, water, fltrd 0.7u GF (82680)	Carba-zole, water, fltrd, ug/L (62071)	Carbo-furan, water, fltrd 0.7u GF (49309)	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlori-muron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chloro-thalo-nil, water, fltrd 0.7u GF (49306)	Chlor-pyri-fos oxon, water, fltrd, ug/L (61636)	Chlor-pyri-fos water, fltrd, ug/L (38933)
OCT 24...	<0.02	M	<0.5	<0.03	E.017	<0.5	<0.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
NOV 13...	<0.02	E.1	<0.5	E.01	E.019	<0.5	<0.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
DEC 12...	<0.02	E.1	<0.5	E.01	E.014	<0.5	<0.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
JAN 16...	<0.02	M	<0.5	<0.03	E.006	<0.5	<0.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
JAN 31...	<0.02	E.2	<0.5	<0.03	E.007	<0.5	<0.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
FEB 11...	<0.02	<0.5	<0.5	<0.03	E.006	<0.5	<0.006	<0.02	<0.010	E.01	<0.04	<0.06	<0.005
MAR 20...	<0.02	M	<0.5	<0.03	<0.041	<0.5	<0.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
APR 09...	<0.02	M	<0.5	E.01	E.016	<0.5	<0.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
MAY 07...	<0.02	E.1	<0.5	<0.03	E.009	<0.5	0.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
JUN 04...	<0.02	E.1	M	<0.03	<0.041	<0.5	E.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
JUL 22...	<0.02	E.1	<0.5	<0.03	<0.041	<0.5	<0.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
AUG 21...	<0.02	<0.5	<0.5	M	E.010	<0.5	<0.006	<0.02	<0.010	<0.01	<0.04	<0.06	<0.005
SEP 09...	<0.02	M	<0.5	<0.03	E.012	<0.5	<0.006	<0.02	<0.010	M	<0.04	<0.06	<0.005

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

Date	Cholesterol, water, fltrd, ug/L (62072)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	Cypermethrin water, fltrd, ug/L (61586)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	DEET, water, fltrd, ug/L (62082)	Desulf-inyl fipronil, water, fltrd, ug/L (62170)	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)
Date	Dicamba water fltrd 0.7u GF (38442)	Di-chlor-prop, water, fltrd 0.7u GF (49302)	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd, ug/L (61705)	Dimeth-enamid ESA, water, fltrd, ug/L (61951)	Dimeth-enamid OA, water, fltrd, ug/L (62482)	Dimeth-oate, water, fltrd 0.7u GF (82662)	Dinoseb water, fltrd 0.7u GF (49301)	Diphen-amid, water, fltrd, ug/L (04033)	Diuron, water, fltrd 0.7u GF (49300)	D-Limo-nene, water, fltrd, ug/L (62073)
OCT 24...	M	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.1	<0.004	--	0.013
NOV 13...	E1	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.1	E.003	--	0.015
DEC 12...	<2	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.1	<0.004	<0.04	0.014
JAN 16...	<2	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	M	E.003	<0.04	0.008
JAN 31...	<2	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.1	<0.004	<0.04	0.006
FEB 11...	M	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.1	<0.004	<0.04	E.004
MAR 20...	<2	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.1	<0.004	<0.04	0.005
APR 09...	<2	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.1	<0.004	<0.04	0.010
MAY 07...	E1	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.1	<0.004	<0.01	0.005
JUN 04...	<2	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.1	<0.004	<0.01	0.006
JUL 22...	E1	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.2	0.005	<0.01	0.007
AUG 21...	<2	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	E.1	<0.004	<0.01	E.004
SEP 09...	M	<0.006	<0.01	<1	<0.01	<0.008	<0.009	<0.01	<0.003	M	0.005	<0.01	0.008
OCT 24...	<0.01	<0.01	<0.08	<0.005	E1	M	<0.05	<0.05	<0.006	<0.01	<0.03	<0.01	<0.5
NOV 13...	<0.01	<0.01	<0.08	<0.005	<5	M	<0.05	<0.05	<0.006	<0.01	<0.03	<0.01	<0.5
DEC 12...	--	<0.01	<0.08	<0.005	<5	<1	<0.05	<0.05	<0.006	<0.01	<0.03	<0.01	<0.5
JAN 16...	<0.01	<0.01	<0.08	<0.005	<5	<1	<0.05	<0.05	<0.006	<0.01	<0.03	<0.01	<0.5
JAN 31...	<0.01	<0.01	<0.08	<0.005	<5	<1	<0.05	<0.05	<0.006	<0.01	<0.03	<0.01	<0.5
FEB 11...	<0.01	<0.01	<0.08	<0.005	<5	<1	<0.05	<0.05	<0.006	<0.01	<0.03	<0.01	<0.5
MAR 20...	<0.01	<0.01	<0.08	<0.005	<5	<1	<0.05	<0.05	<0.006	<0.01	<0.03	<0.01	<0.5
APR 09...	<0.01	<0.01	<0.08	<0.005	<5	<1	<0.05	<0.05	<0.006	<0.01	<0.03	0.44	<0.5
MAY 07...	<0.01	<0.01	<0.08	<0.005	E2	<1	<0.05	<0.05	<0.006	<0.01	<0.03	0.16	<0.5
JUN 04...	<0.01	<0.01	<0.08	<0.005	<5	<1	<0.05	<0.05	<0.006	<0.01	<0.03	E.03	<0.5
JUL 22...	<0.01	<0.01	<0.08	<0.005	E4	M	<0.05	<0.05	<0.006	<0.01	<0.03	0.02	<0.5
AUG 21...	<0.01	<0.01	<0.08	<0.005	<5	<1	<0.05	<0.05	<0.006	<0.01	<0.03	E.01	<0.5
SEP 09...	<0.01	<0.01	<0.08	<0.005	E2	M	<0.05	<0.05	<0.006	<0.01	<0.03	0.02	<0.5

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

Date	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoxy-octyl-phenol, water, fltrd, ug/L (61706)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulf-oxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Fenuron water, fltrd, 0.7u GF ug/L (49297)	Desulf-inyl-fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flufenacet ESA, water, fltrd, ug/L (61952)	Flufenacet OA, water, fltrd, ug/L (62483)
OCT 24...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	E.005	<0.005	0.009	<0.05	<0.05
NOV 13...	<0.03	<0.004	M	<0.008	<0.03	<0.03	<0.03	<0.009	E.004	<0.005	E.014	<0.05	<0.05
DEC 12...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05
JAN 16...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	E.004	<0.005	E.010	<0.05	<0.05
JAN 31...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	<0.005	<0.005	E.011	<0.05	<0.05
FEB 11...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	<0.005	<0.005	E.009	<0.05	<0.05
MAR 20...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	<0.005	<0.005	E.007	<0.05	<0.05
APR 09...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	<0.005	<0.005	E.009	<0.05	<0.05
MAY 07...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	<0.005	<0.007	E.010	<0.05	<0.05
JUN 04...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.031	<0.005	<0.005	E.007	<0.05	<0.05
JUL 22...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	0.005	<0.007	E.012	<0.05	<0.05
AUG 21...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	E.004	<0.006	E.008	<0.05	<0.05
SEP 09...	<0.03	<0.004	<1	<0.008	<0.03	<0.03	<0.03	<0.009	0.005	<0.005	E.015	<0.05	<0.05

Date	Flumet-sulam, water, fltrd, ug/L (61694)	Fluometuron water fltrd 0.7u GF ug/L (38811)	Fluor-anthene water, fltrd, ug/L (34377)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	HHCB, water, fltrd, ug/L (62075)	Hexa-zinone, water, fltrd, ug/L (04025)	Imaza-quin, water, fltrd, ug/L (50356)	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)	Ipro-dione, water, fltrd, ug/L (61593)	Isobor-neol, water, fltrd, ug/L (62077)
OCT 24...	<0.01	<0.03	<0.5	<0.002	<0.003	M	--	<0.02	<0.02	<0.007	<0.5	<1	<0.5
NOV 13...	<0.01	<0.03	<0.5	<0.002	<0.003	M	--	<0.02	<0.02	<0.007	<0.5	<1	<0.5
DEC 12...	<0.01	<0.03	<0.5	<0.002	<0.003	M	--	<0.02	<0.02	<0.007	<0.5	<1	<0.5
JAN 16...	<0.01	<0.03	<0.5	<0.002	<0.003	E.1	--	<0.02	<0.02	<0.007	<0.5	<1	<0.5
JAN 31...	<0.01	<0.03	<0.5	<0.002	<0.003	M	--	<0.02	<0.02	<0.007	<0.5	<1	<0.5
FEB 11...	<0.01	<0.03	<0.5	<0.002	<0.003	<0.5	--	<0.02	<0.02	<0.007	<0.5	<1	<0.5
MAR 20...	<0.01	<0.03	<0.5	<0.002	<0.003	<0.5	--	<0.02	<0.02	<0.007	<0.5	<1	<0.5
APR 09...	<0.01	<0.03	<0.5	<0.002	<0.003	M	--	<0.02	<0.02	<0.007	<0.5	<1	<0.5
MAY 07...	<0.01	<0.03	<0.5	<0.002	<0.003	E.1	--	<0.02	<0.02	<0.007	<0.5	<1	<0.5
JUN 04...	<0.01	<0.03	<0.5	<0.002	<0.003	M	E.007	<0.02	<0.02	<0.007	<0.5	<1	<0.5
JUL 22...	<0.01	<0.03	M	<0.002	<0.003	E.1	0.018	<0.02	<0.02	<0.007	M	<1	<0.5
AUG 21...	<0.01	<0.03	<0.5	<0.002	<0.003	<0.5	E.011	<0.02	<0.02	<0.007	<0.5	<1	<0.5
SEP 09...	<0.01	<0.03	<0.5	<0.002	<0.003	M	E.010	<0.02	<0.02	<0.052	<0.5	<1	<0.5

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

Date	Isofen-phos, water, fltrd, ug/L (61594)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Linuron water fltrd 0.7u GF ug/L (38478)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Meta-laxyl, water, fltrd, ug/L (61596)	Methi-althion water, fltrd, ug/L (61598)
OCT 24...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	<0.02	<0.01	<0.5	<0.02	<0.005	<0.006
NOV 13...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	<0.02	<0.01	<0.5	<0.02	<0.005	<0.006
DEC 12...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	<0.02	<0.01	<0.5	<0.02	<0.005	<0.006
JAN 16...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	<0.02	<0.01	<0.5	<0.02	<0.005	<0.006
JAN 31...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	E.01	<0.01	<0.5	<0.02	<0.005	<0.006
FEB 11...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	0.06	<0.01	<0.5	<0.02	<0.005	<0.006
MAR 20...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	<0.02	<0.01	<0.5	<0.02	<0.005	<0.006
APR 09...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	0.05	<0.01	<0.5	<0.02	<0.005	<0.006
MAY 07...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	E.07	<0.01	<0.5	<0.02	<0.005	<0.006
JUN 04...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	<0.02	<0.01	E.2	<0.02	<0.005	<0.006
JUL 22...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	<0.02	<0.01	<0.5	<0.02	<0.005	<0.006
AUG 21...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	<0.02	<0.01	<0.5	<0.02	0.006	<0.006
SEP 09...	<0.003	<0.5	<0.5	<0.5	<0.01	<0.008	<0.027	<0.02	<0.01	<0.5	E.01	<0.025	<0.006

Date	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl acetate water unfltrd ug/L (77032)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola-chlor OA, water, fltrd 0.7u GF ug/L (61044)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)	Metsul-furon, water, fltrd, ug/L (61697)	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl)-N-methyl-urea, ug/L (61692)
OCT 24...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	E.011	<0.006	<0.03	<0.008	<0.02
NOV 13...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	0.059	<0.006	<0.03	<0.008	<0.02
DEC 12...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	0.033	<0.006	<0.03	<0.008	<0.02
JAN 16...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	0.05	<0.05	E.006	<0.006	<0.03	<0.008	<0.02
JAN 31...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	E.008	<0.006	<0.03	<0.008	<0.02
FEB 11...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	E.011	<0.006	<0.03	<0.008	<0.02
MAR 20...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	E.005	<0.006	<0.03	<0.008	<0.02
APR 09...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	E.012	<0.006	<0.03	<0.008	<0.02
MAY 07...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	0.029	<0.006	<0.03	<0.008	<0.02
JUN 04...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	0.027	<0.006	<0.03	<0.008	<0.02
JUL 22...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	0.041	<0.006	<0.03	<0.008	<0.02
AUG 21...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	0.028	<0.006	<0.03	<0.008	<0.02
SEP 09...	<0.008	<0.004	<0.4	<0.03	<0.006	<0.5	<0.05	<0.05	0.034	<0.006	<0.03	<0.008	<0.02

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

Date	Naphthalene, water, fltrd, ug/L (34443)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	p-Cresol, water, fltrd, ug/L (62084)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)
OCT 24...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	<0.022	M	<0.5	E.4	<0.10	<0.011
NOV 13...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	<0.022	M	<0.5	E.4	<0.10	<0.011
DEC 12...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	E.016	<2	<0.5	E.2	<0.10	<0.011
JAN 16...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	<0.022	<2	<0.5	<0.5	<0.10	<0.011
JAN 31...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	<0.022	<2	<0.5	E.2	<0.10	<0.011
FEB 11...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	<0.022	<2	<0.5	E.2	<0.10	<0.011
MAR 20...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	<0.022	<2	<0.5	E.4	<0.10	<0.011
APR 09...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	<0.022	<2	<0.5	<0.5	<0.10	<0.011
MAY 07...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	<0.022	<2	<0.5	E.2	<0.10	<0.011
JUN 04...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	M	<0.022	<2	<0.5	E.5	<0.10	<0.011
JUL 22...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	M	<0.022	<2	M	E.4	<0.10	<0.011
AUG 21...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	<0.022	<2	<0.5	<0.5	<0.10	<0.011
SEP 09...	<0.5	<0.01	<0.01	<0.02	<0.02	<0.01	<1	<0.022	M	<0.5	<0.5	<0.10	<0.011

Date	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Pronamide, water, fltrd 0.7u GF ug/L (82676)	Propham water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Simazine, water, fltrd, ug/L (04035)	Sulfometuron, water, fltrd, ug/L (50337)
OCT 24...	<0.06	<0.008	<0.02	0.02	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.072	<0.009
NOV 13...	<0.06	<0.008	<0.02	0.02	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.055	<0.009
DEC 12...	<0.06	<0.008	<0.02	E.01	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.050	<0.009
JAN 16...	<0.06	<0.008	<0.02	E.01	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.156	<0.009
JAN 31...	<0.06	<0.008	<0.02	E.01	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.081	<0.009
FEB 11...	<0.06	<0.008	<0.02	E.01	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.209	<0.009
MAR 20...	<0.06	<0.008	<0.02	E.01	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.158	<0.009
APR 09...	<0.06	<0.008	<0.02	E.01	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.211	0.024
MAY 07...	<0.06	<0.008	<0.02	E.01	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.048	E.006
JUN 04...	<0.06	<0.008	<0.02	E.01	<0.005	0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.041	<0.009
JUL 22...	<0.06	<0.008	<0.02	0.02	<0.005	<0.004	<0.010	<0.02	<0.008	M	<0.02	0.045	<0.009
AUG 21...	<0.06	<0.008	<0.02	0.03	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.036	<0.009
SEP 09...	<0.06	<0.008	<0.02	0.03	<0.005	<0.004	<0.010	<0.02	<0.008	<0.5	<0.02	0.018	<0.009

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

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

Date	Tebu- thiuron water fltrd 0.7u GF (82670)	Terba- cil, water, fltrd, ug/L (04032)	Ter- bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu- fos, water, fltrd 0.7u GF (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)	tert- Amyl alcohol water unfltrd ug/L (77073)	tert- Butyl- alcohol water unfltrd ug/L (77035)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Tri- clopyr, water, fltrd 0.7u GF (49235)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)
OCT 24...	<0.02	<0.010	<0.07	<0.02	M	<0.43	<1	<0.5	<0.5	<0.5	<0.02	<1	<0.5
NOV 13...	<0.02	<0.010	<0.07	<0.02	M	<0.4	E.22	<0.5	<0.5	<0.5	<0.02	<1	<0.5
DEC 12...	<0.02	<0.010	<0.07	<0.02	<0.01	<0.43	M	<0.5	<0.5	<0.5	<0.02	<1	<0.5
JAN 16...	<0.02	<0.010	<0.07	<0.02	<0.01	<0.4	<1.00	<0.5	<0.5	E.1	<0.02	<1	<0.5
31...	<0.02	<0.010	<0.07	<0.02	<0.01	<0.4	E.15	<0.5	<0.5	<0.5	<0.02	<1	<0.5
FEB 11...	<0.02	<0.010	<0.07	<0.02	<0.01	<0.4	E.20	<0.5	<0.5	<0.5	0.02	<1	<0.5
MAR 20...	<0.02	<0.010	<0.07	<0.02	<0.01	<0.4	E.60	<0.5	<0.5	<0.5	<0.02	<1	<0.5
APR 09...	<0.02	<0.010	<0.07	<0.02	<0.01	<0.4	E.15	<0.5	<0.5	<0.5	<0.02	<1	<0.5
MAY 07...	<0.02	<0.010	<0.07	<0.02	<0.01	<0.4	<1.00	<0.5	<0.5	M	<0.02	<1	<0.5
JUN 04...	<0.02	<0.010	<0.07	<0.02	<0.01	<0.4	<1.00	<0.5	<0.5	<0.5	<0.02	<1	<0.5
JUL 22...	<0.02	<0.010	<0.07	<0.02	E.01	<0.4	<1.00	<0.5	<0.5	E.1	<0.02	<1	E.1
AUG 21...	E.01	<0.010	<0.07	<0.02	M	<0.4	<1.00	<0.5	<0.5	<0.5	<0.02	<1	<0.5
SEP 09...	<0.02	<0.010	<0.07	<0.02	M	<0.4	<1.00	<0.5	<0.5	M	<0.02	M	M

Date	Tri- flu- alin, water, fltrd 0.7u GF (82661)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di- chloro- i-Pr) phos- phate, wat flt ug/L (62088)	1,1,1,2- Tetra- chloro- ethane, water, unfltrd ug/L (77562)	1,1,1- Tri- chloro- ethane, water, unfltrd ug/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2- Tri- chloro- ethane, water, unfltrd ug/L (34511)	1,1-Di- chloro- ethane, water unfltrd ug/L (34496)	1,1-Di- chloro- ethene, water, unfltrd ug/L (34501)	1,1-Di- chloro- propene water unfltrd ug/L (77168)
OCT 24...	<0.009	M	<0.5	M	M	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
NOV 13...	<0.009	M	E.2	E.1	E.1	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
DEC 12...	<0.009	<0.5	<0.5	M	M	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
JAN 16...	<0.009	<0.5	<0.5	E.1	<0.5	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
31...	<0.009	<0.5	<0.5	<0.5	<0.5	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
FEB 11...	<0.009	<0.5	<0.5	<0.5	<0.5	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
MAR 20...	<0.009	<0.5	<0.5	<0.5	<0.5	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
APR 09...	<0.009	<0.5	<0.5	E.1	<0.5	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
MAY 07...	<0.009	<0.5	0.6	E.1	E.1	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
JUN 04...	<0.009	<0.5	<0.5	E.1	E.1	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
JUL 22...	<0.009	<0.5	E.2	E.1	E.1	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
AUG 21...	<0.009	<0.5	<0.5	<0.5	<0.5	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05
SEP 09...	<0.009	<0.5	<0.5	E.1	E.1	<0.03	<0.03	<0.09	<0.06	<0.06	<0.04	<0.04	<0.05

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

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

Date	1,2,3,4 Tetra- methyl- benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra- methyl- benzene water unfltrd ug/L (50000)	1,2,3- Tri- chloro- benzene water unfltrd ug/L (77613)	1,2,3- Tri- chloro- propane water unfltrd ug/L (77443)	1,2,3- Tri- methyl- benzene water unfltrd ug/L (77221)	1,2,4- Tri- chloro- benzene water unfltrd ug/L (34551)	1,2,4- Tri- methyl- benzene water unfltrd ug/L (77222)	Dibromo- chloro- propane water unfltrd ug/L (82625)	1,2-Di- bromo- ethane, water, unfltrd ug/L (77651)	1,2-Di- chloro- benzene water unfltrd ug/L (34536)	1,2-Di- chloro- ethane, water, unfltrd ug/L (32103)	1,2-Di- chloro- propane water unfltrd ug/L (34541)	1,3,5- Tri- methyl- benzene water unfltrd ug/L (77226)
OCT 24...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
NOV 13...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
DEC 12...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	E.02	<0.04
JAN 16...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
JAN 31...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
FEB 11...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
MAR 20...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
APR 09...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
MAY 07...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
JUN 04...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
JUL 22...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
AUG 21...	<0.2	<0.2	<0.3	<0.16	<0.1	<0.1	<0.06	<0.5	<0.04	<0.03	<0.1	<0.03	<0.04
SEP 09...	<0.2	<0.2	<0.3	<0.16	M	<0.1	0.16	<0.5	<0.04	<0.03	<0.1	<0.03	E.05

Date	1,3-Di- chloro- benzene water unfltrd ug/L (34566)	1,3-Di- chloro- propane water unfltrd ug/L (77173)	1,4-Di- chloro- benzene water unfltrd ug/L (34571)	2,2-Di- chloro- propane water unfltrd ug/L (77170)	2- Chloro- toluene water unfltrd ug/L (77275)	2- Ethyl- toluene water unfltrd ug/L (77220)	3- Chloro- propene water unfltrd ug/L (78109)	4- Chloro- toluene water unfltrd ug/L (77277)	4-Iso- propyl- toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo- nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo- benzene water unfltrd ug/L (81555)
OCT 24...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04	<0.04
NOV 13...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04	<0.04
DEC 12...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04	<0.04
JAN 16...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04	<0.04
JAN 31...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	E.02	<0.04
FEB 11...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	E.01	<0.04
MAR 20...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04	<0.04
APR 09...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04	<0.04
MAY 07...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04	<0.04
JUN 04...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	<0.04	<0.04
JUL 22...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	E.03	<0.04
AUG 21...	<0.03	<0.1	<0.05	<0.05	<0.04	<0.06	<0.12	<0.05	<0.12	<7	<1	E.03	<0.04
SEP 09...	<0.03	<0.1	<0.05	<0.05	<0.04	E.04	<0.12	<0.05	<0.12	<7	<1	0.13	<0.04

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

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

Date	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-ethene, water, unfltrd ug/L (50002)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unfltrd ug/L (34668)
OCT 24...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
NOV 13...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
DEC 12...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
JAN 16...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
31...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
FEB 11...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
MAR 20...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
APR 09...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
MAY 07...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	E.1	<0.04	<0.09	<0.2	<0.05	<0.18
JUN 04...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
JUL 22...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
AUG 21...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18
SEP 09...	<0.12	<0.05	<0.1	<0.3	<0.07	<0.03	<0.1	<0.2	<0.04	<0.09	<0.2	<0.05	<0.18

Date	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methac-rylate, water, unfltrd ug/L (73570)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)	Methyl acrylate, water, unfltrd ug/L (49991)
OCT 24...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
NOV 13...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
DEC 12...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
JAN 16...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
31...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
FEB 11...	M	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
MAR 20...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
APR 09...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
MAY 07...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
JUN 04...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
JUL 22...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
AUG 21...	<0.2	<0.2	<0.10	<0.2	<5.0	<0.03	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0
SEP 09...	<0.2	<0.2	<0.10	<0.2	<5.0	E.08	<0.1	<0.2	<0.35	<0.4	<0.06	<0.6	<2.0

0208755215 NEUSE RIVER ABOVE U.S. HIGHWAY 70 AT SMITHFIELD, NC—Continued

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

Date	Methyl methacrylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphthalene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene, water, unfltrd ug/L (77342)	n-propyl-benzene, water, unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene, water, unfltrd ug/L (77350)	Styrene, water, unfltrd ug/L (77128)	t-Butyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene, water, unfltrd ug/L (77353)
OCT 24...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	E.1	<0.10
NOV 13...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	E.1	<0.10
DEC 12...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	E.1	<0.10
JAN 16...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	E.1	<0.10
JAN 31...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	E.1	<0.10
FEB 11...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	E.1	<0.10
MAR 20...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	0.2	<0.10
APR 09...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	E.1	<0.10
MAY 07...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	E.1	<0.10
JUN 04...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	0.3	<0.10
JUL 22...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	E.1	<0.10
AUG 21...	<0.3	<0.08	<0.06	<0.5	<0.7	<0.2	<0.04	<0.07	<0.06	<0.04	<0.05	0.2	<0.10
SEP 09...	<0.3	<0.08	0.26	<0.5	<0.7	<0.2	E.03	0.11	<0.06	<0.04	<0.05	<0.2	<0.10

Date	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane, water, unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	Toluene, water, unfltrd ug/L (34010)	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene, water, unfltrd ug/L (34699)	trans-1,4-Di-chloro-2-butene, water, unfltrd ug/L (73547)	Tri-bromo-methane, water, unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane, water, unfltrd ug/L (34488)	Tri-chloro-methane, water, unfltrd ug/L (32106)	Vinyl chloride, water, unfltrd ug/L (39175)	Di-chloro-vos, water, unfltrd ug/L (38775)
OCT 24...	<0.03	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.02	<0.1	<0.01
NOV 13...	<0.03	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.03	<0.1	<0.01
DEC 12...	E.01	<0.06	<2	E.02	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.04	<0.1	<0.01
JAN 16...	E.01	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.05	<0.1	<0.01
JAN 31...	E.02	<0.06	<2	E.03	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.05	<0.1	<0.01
FEB 11...	E.01	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.03	<0.1	<0.01
MAR 20...	<0.03	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.04	<0.1	<0.01
APR 09...	E.01	<0.06	<2	E.03	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.03	<0.1	<0.01
MAY 07...	E.03	<0.06	<2	E.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.04	<0.1	<0.01
JUN 04...	<0.03	<0.06	<2	<0.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.02	<0.1	<0.01
JUL 22...	<0.03	<0.06	<2	E.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.03	<0.1	<0.01
AUG 21...	<0.03	<0.06	<2	E.05	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.02	<0.1	<0.01
SEP 09...	<0.03	<0.06	<2	0.35	<0.03	<0.09	<0.7	<0.10	<0.04	<0.09	E.02	<0.1	<0.01

Remark codes used in this table:

- < -- Less than
- E -- Estimated value
- M -- Presence verified, not quantified
- K -- Counts outside the acceptable range

Medium codes used in this table:

- 9 -- Surface water