

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.--Water years 2003 to current year.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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 unfltrd 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)
OCT 06...	1230	9	760	7.7	83	7.4	166	18.7	4.7	650	<.5	<.5	<.09
NOV 04...	1230	9	760	8.1	86	7.2	148	18.0	5.8	75	E.1	<.5	<.09
DEC 23...	1245	9	760	12.8	105	7.0	96	6.8	5.6	50	<.5	<.5	<.09
DEC 30...	1130	9	760	10.4	88	7.2	114	8.0	5.1	75	<.5	<.5	<.09
JUN 22...	1330	9	--	6.4	--	6.8	249	26.2	--	--	<.5	<.5	<.09
JUL 27...	0930	9	760	6.5	83	6.9	190	27.7	--	--	--	--	<.09
AUG 31...	1400	9	758	5.7	69	6.5	68	24.4	--	--	<.5	<.5	<.09
Date	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	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-Et-6-Me-Ph)-amino]propan-1-ol, ug/L (61615)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	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-methyl-aniline, water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methylnaphthalene, water, fltrd, ug/L (62056)
OCT 06...	<.009	.02	<.02	<.006	<.5	<.1	--	<.005	E.013	<.04	<.004	E.038	<.5
NOV 04...	<.009	<.02	<.02	<.006	<.5	<.1	--	<.005	<.006	<.04	<.004	E.020	<.5
DEC 23...	--	--	--	<.006	<.5	<.1	--	<.005	E.008	--	<.004	--	<.5
DEC 30...	<.009	<.02	<.02	<.006	<.5	<.1	--	<.005	E.007	E.01	<.004	E.013	<.5
JUN 22...	<.009	<.02	<.02	<.006	<.5	--	<.02	<.005	E.008	<.01	<.004	E.023	<.5
JUL 27...	E.031	<.05	<.02	<.006	--	--	<.02	<.005	<.006	<.01	<.004	E.020	--
AUG 31...	<.009	.08	<.02	<.006	<.5	--	<.02	<.005	<.006	<.01	<.004	<.016	<.5
Date	3,4-Dichloro-aniline water fltrd, ug/L (61625)	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-hydroxy-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-Methyl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)
OCT 06...	.060	<2	<.006	<2	<.1	<.5	<.006	<.1	<.1	<.5	<.1	<2	<.5
NOV 04...	.016	M	<.006	<2	<.1	<.5	<.006	<.1	<.1	E1	<.1	<2	<.5
DEC 23...	.011	<2	--	--	<.1	<.5	<.006	<.1	<.1	E1	<.1	<2	<.5
DEC 30...	.023	<2	<.006	<2	<.1	<.5	<.006	<.1	<.1	<.5	<.1	<2	<.5
JUN 22...	.070	<2	<.006	<.014	<.1	<.5	<.006	<.1	<.1	<.5	<.1	<2	<.5
JUL 27...	.059	--	<.006	M	--	--	<.006	--	--	--	--	--	--
AUG 31...	<.004	<.5	<.006	<.014	<.1	<.5	<.006	<.1	<.1	<.5	<.1	<2	<.5

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	Aceto- chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto- chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto- chlor SAA, water, fltrd, ug/L (62847)	Aceto- chlor, water, fltrd, ug/L (49260)	AHTN, water, fltrd, ug/L (62065)	Ac- fluor- fen, water, fltrd 0.7u GF ug/L (49315)	Ala- chlor ESA SA, water, fltrd, ug/L (62849)	Ala- chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala- chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala- chlor SAA, water, fltrd, ug/L (62848)	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)
OCT 06...	--	--	--	<.006	E.1	<.007	--	--	--	--	<.005	<.02	<.008
NOV 04...	--	--	--	<.006	E.1	<.007	--	--	--	--	<.005	<.02	<.008
DEC 23...	--	--	--	<.006	M	--	--	--	--	--	<.005	--	--
30...	--	--	--	<.006	E.1	<.007	--	--	--	--	<.005	<.02	<.008
JUN 22...	<.02	<.02	<.02	<.006	E.1	<.007	<.02	<.02	<.02	<.02	<.005	<.02	<.008
JUL 27...	<.02	<.02	<.02	<.006	--	<.007	<.02	<.02	<.02	<.02	<.005	<.02	<.008
AUG 31...	<.02	<.02	<.02	<.006	E.1	<.007	<.02	<.02	<.02	<.02	<.005	<.02	<.008
Date	Aldi- carb, water, fltrd 0.7u GF ug/L (49312)	Anthra- cene, water, fltrd, ug/L (34221)	Atra- zine, water, fltrd, ug/L (39632)	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)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)
OCT 06...	<.04	<.5	.064	<.02	<.050	<.03	<.010	<.004	<.02	<.01	<.5	<.2	<.2
NOV 04...	<.04	<.5	.036	<.03	<.050	<.03	<.010	<.004	<.02	<.01	<.5	<.2	M
DEC 23...	--	<.5	.032	<.02	<.050	--	<.010	--	--	--	<.5	<.2	<.2
30...	<.04	<.5	.022	<.02	<.050	<.03	<.010	<.004	<.02	<.01	<.5	<.2	<.2
JUN 22...	<.04	<.5	.011	<.02	<.050	<.03	<.010	<.004	<.02	<.01	<.5	<.2	<.2
JUL 27...	<.04	--	.011	<.07	<.050	<.03	<.010	E.035	<.02	E.01	--	--	--
AUG 31...	<.04	<.5	E.007	<.07	<.050	<.03	<.010	<.021	<.02	E.01	<.5	<.5	<.5
Date	Bisphe- nol A, water, fltrd, ug/L (62069)	Broma- cil, water, fltrd, ug/L (04029)	Brom- oxynil, water, fltrd 0.7u GF ug/L (49311)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (49310)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Carbo- furan, water, fltrd 0.7u GF ug/L (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 ug/L (49306)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)
OCT 06...	<1	<.03	<.02	<.5	M	E.035	<.5	<.006	<.02	<.010	<.01	<.04	<.06
NOV 04...	<1	<.03	<.02	<.5	<.03	<.041	<.5	<.006	<.02	<.010	<.01	<.04	<.06
DEC 23...	<1	--	--	<.5	--	E.020	<.5	--	--	--	--	--	<.06
30...	<1	<.03	<.02	<.5	<.03	E.018	<.5	<.006	<.02	<.010	<.01	<.04	<.06
JUN 22...	<1	<.03	<.02	M	E.01	E.020	<.5	<.006	<.02	<.010	<.04	<.04	<.06
JUL 27...	--	<.03	<.02	--	E.01	E.018	--	<.006	<.02	<.010	E.05	<.04	<.06
AUG 31...	<1	<.03	<.02	<.5	E.04	E.051	<.5	<.006	<.02	<.010	<.04	<.04	<.06

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	Chlorpyrifos water, fltrd, ug/L (38933)	Cholestrol, 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 monoacid, water, fltrd, 0.7u GF ug/L (49304)	DCPA, water, fltrd, 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)
OCT 06...	<.005	<2	<.006	<.01	<1.00	<.01	<.008	<.009	<.01	<.003	E.006	<.01	.006
NOV 04...	<.005	E1	<.006	<.01	<1.00	<.01	<.008	<.009	<.01	<.003	<.012	<.01	<.005
DEC 23...	<.005	<2	<.006	--	<1.00	--	<.008	<.009	--	<.003	<.012	<.01	<.005
DEC 30...	<.005	M	<.006	<.01	<1.00	<.01	<.008	<.009	<.01	<.003	<.012	<.01	<.005
JUN 22...	<.005	<2	<.006	<.01	<1.00	<.01	<.008	<.009	<.01	<.003	E.010	<.01	.011
JUL 27...	<.005	--	<.006	<.01	--	<.01	<.008	<.009	<.01	<.003	E.009	<.01	<.005
AUG 31...	<.005	<5	<.006	<.01	<1.00	<.01	<.008	<.009	<.01	<.003	<.012	<.01	<.005
Date	Dicamba water, fltrd, 0.7u GF (38442)	Di-chlorprop, water, fltrd, 0.7u GF (49302)	Dicrotophos, water, fltrd, ug/L (38454)	Diel-drin, 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-enamid water, fltrd, ug/L (61588)	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)
OCT 06...	<.01	<.01	<.08	<.009	<5	<1	--	--	--	<.006	<.01	<.03	<.01
NOV 04...	<.01	<.01	<.08	<.009	E2	M	--	--	--	<.006	<.01	<.03	E.01
DEC 23...	--	--	<.08	<.009	<5	<1	--	--	--	<.006	--	--	--
DEC 30...	<.01	<.01	<.08	<.009	<5	<1	--	--	--	<.006	<.01	<.03	<.01
JUN 22...	<.01	<.01	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.01	<.03	.02
JUL 27...	<.01	<.01	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.01	<.03	E.03
AUG 31...	<.01	<.01	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.01	<.03	<.01
Date	D-Limonene, water, fltrd, ug/L (62073)	Ethion monoxon, water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoxy-octyl-phenol, water, fltrd, ug/L (61706)	Fenami-phos sulfone, water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, 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)	Flufen-acet ESA, water, fltrd, ug/L (61952)
OCT 06...	<.5	<.03	<.004	<1	<.008	<.03	<.03	<.03	<.029	E.007	E.008	E.016	--
NOV 04...	<.5	<.03	<.004	M	<.008	<.03	<.03	<.03	<.029	E.006	<.024	E.011	--
DEC 23...	<.5	<.03	<.004	M	<.008	<.03	<.03	--	<.029	<.013	<.024	<.016	--
DEC 30...	<.5	<.03	<.004	<1	<.008	<.03	<.03	<.03	<.029	<.013	<.024	E.010	--
JUN 22...	<.5	<.03	<.004	<1	<.008	<.03	<.03	<.03	<.029	E.008	E.008	E.037	<.02
JUL 27...	--	<.0020	<.004	--	<.049	<.04	<.03	<.03	E.006	E.010	<.024	.024	<.02
AUG 31...	<.5	<.0020	<.004	<1	<.049	<.04	<.03	<.03	<.029	<.013	<.024	E.013	<.02

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)	Flumet- sulam, water, fltrd, ug/L (61694)	Fluo- meturon 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- clopidr water, fltrd, ug/L (61695)	Indole, water, fltrd, ug/L (62076)
OCT 06...	--	--	<.01	<.03	<.5	<.002	<.003	M	.013	<.02	<.02	<.007	<.5
NOV 04...	--	--	<.01	<.03	<.5	<.002	<.003	E.1	<.013	<.02	<.02	<.007	<.5
DEC 23...	--	--	--	--	<.5	<.002	<.003	M	<.013	--	--	--	<.5
30...	--	--	<.01	<.03	<.5	<.002	<.003	E.1	<.013	<.02	<.02	<.007	<.5
JUN 22...	<.02	<.02	<.01	<.03	<.5	<.002	<.003	E.1	<.013	<.02	<.02	<.007	<.5
JUL 27...	<.02	<.02	<.01	<.03	--	<.003	<.003	--	<.013	<.02	<.02	E.024	--
AUG 31...	<.02	<.02	<.01	<.03	<.5	<.003	<.003	<.5	<.013	<.02	<.02	<.021	<.5
Date	Ipro- dione, water, fltrd, ug/L (61593)	Isobor- neol, water, fltrd, ug/L (62077)	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)	Mala- oxon, water, fltrd, ug/L (61652)	Mala- thion, 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)
OCT 06...	<1	<.5	<.003	<.5	<.5	<.5	<.01	<.008	<.027	<.02	<.01	<.5	<.02
NOV 04...	<1	<.5	<.003	M	<.5	<.5	<.01	<.008	<.027	<.02	<.01	<.5	<.02
DEC 23...	<1	<.5	<.003	<.5	<.5	<.5	--	<.008	<.027	--	--	<.5	--
30...	<1	<.5	<.003	<.5	<.5	<.5	<.03	<.008	<.027	<.02	<.01	<.5	<.02
JUN 22...	<1	<.5	<.003	<.5	<.5	<.5	<.01	<.008	<.027	<.02	<.01	<.5	<.02
JUL 27...	<.387	--	<.003	--	--	--	<.01	<.030	<.027	<.02	<.01	--	E.01
AUG 31...	<.387	<.5	<.003	<.5	<.5	<.5	<.01	<.030	<.027	<.02	<.01	<.5	E.01
Date	Meta- laxyl, water, fltrd, ug/L (61596)	Methi- althion water, fltrd, ug/L (61598)	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)
OCT 06...	<.005	<.006	<.008	<.004	<.4	<.03	<.015	<.5	--	--	.016	<.006	<.03
NOV 04...	<.005	<.006	<.008	<.004	<.4	<.03	<.015	<.5	--	--	.015	<.006	<.03
DEC 23...	<.005	<.006	--	--	<.4	<.03	<.015	<.5	--	--	E.008	<.006	--
30...	<.005	<.006	<.008	<.004	<.4	<.03	<.015	<.5	--	--	E.010	<.006	<.03
JUN 22...	<.180	<.006	<.008	<.004	--	<.03	<.015	<.5	.02	<.02	.014	<.006	<.03
JUL 27...	<.130	<.006	<.008	<.004	--	<.03	<.015	--	<.02	.02	.016	<.006	<.03
AUG 31...	<.005	<.006	<.008	<.004	--	<.03	<.015	<.5	.03	.03	.021	<.006	E.08

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	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)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd, 0.7u GF ug/L (82664)
OCT 06...	<.008	<.02	<.5	<.01	<.01	<.02	<.02	<.01	<1	<.022	<2	<.10	<.011
NOV 04...	<.008	<.02	<.5	<.01	<.01	<.02	<.02	<.01	M	<.022	<2	<.10	<.011
DEC 23...	<.008	--	<.5	--	--	--	--	--	<1	<.022	<2	<.10	<.011
DEC 30...	<.008	<.02	<.5	<.01	<.01	<.02	<.02	<.01	M	<.022	<2	<.10	<.011
JUN 22...	<.008	<.02	<.5	<.01	<.01	<.02	<.02	<.01	<1	<.022	<2	<.10	<.011
JUL 27...	.015	<.02	--	<.01	<.01	<.02	<.02	<.01	--	<.022	--	<.10	<.011
AUG 31...	<.015	<.02	<.5	<.01	<.01	<.02	<.02	<.01	<1	<.022	<2	<.10	<.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)	Propyzamide, water, fltrd, 0.7u GF ug/L (82676)	Propachlor ESA, water, fltrd, 0.7u GF ug/L (62766)	Propachlor OA, water, fltrd, 0.7u GF ug/L (62767)	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)
OCT 06...	<.06	<.008	<.02	.02	<.005	<.004	--	--	<.010	<.02	E.003	<.5	<.02
NOV 04...	--	<.008	<.02	.02	<.005	<.004	--	--	<.010	<.02	<.008	<.5	<.02
DEC 23...	<.06	<.008	--	.02	<.005	<.004	--	--	--	--	--	<.5	--
DEC 30...	<.06	<.008	<.02	.01	<.005	<.004	--	--	<.010	<.02	<.008	<.5	<.02
JUN 22...	<.06	<.008	<.02	.04	<.005	<.004	<.05	<.02	<.010	<.02	E.005	<.5	<.02
JUL 27...	<.05	<.008	<.02	.03	<.005	<.004	<.05	<.02	<.010	<.02	E.003	--	<.02
AUG 31...	<.05	<.008	<.02	.03	<.005	<.004	<.05	<.02	<.010	<.02	<.008	<.5	<.02
Date	Simazine, water, fltrd, ug/L (04035)	Sulfometuron, water, fltrd, ug/L (50337)	Tebu-thiuron water, fltrd, 0.7u GF ug/L (82670)	Terbacil, water, fltrd, ug/L (04032)	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbufos, water, fltrd, 0.7u GF ug/L (82675)	Terbutylazine, water, fltrd, ug/L (04022)	tert-Amyl alcohol water unfltrd, ug/L (77073)	tert-Butyl alcohol water unfltrd, ug/L (77035)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd, 0.7u GF ug/L (49235)
OCT 06...	.020	<.009	.02	<.010	<.07	<.02	M	<.4	<1.00	<.5	<.5	<.5	<.02
NOV 04...	.012	<.009	<.02	<.010	<.07	<.02	<.01	<.4	<1.00	<.5	<.5	E.1	<.02
DEC 23...	.114	--	<.02	--	<.07	<.02	M	<.4	<1.00	E.1	<.5	<.5	--
DEC 30...	.151	<.009	<.02	<.010	<.07	<.02	M	<.4	<1.00	<.5	<.5	E.1	<.02
JUN 22...	.084	<.009	M	<.010	<.07	<.02	<.01	--	--	<.5	<.5	E.1	<.02
JUL 27...	.068	E.009	<.02	<.010	<.07	<.02	<.01	--	--	--	--	--	<.02
AUG 31...	.010	<.009	<.02	<.010	<.07	<.02	<.01	--	--	<.5	<.5	<.5	.07

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Tri-fluralin, water, fltrd, 0.7u GF ug/L (82661)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phosphate, 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)
OCT 06...	<1	<.5	<.009	<.5	<.5	<.5	<.03	<.03	<.16	<.04	<.06	<.04	<.02
NOV 04...	<1	E.1	<.009	E.1	E.1	E.1	<.03	<.03	<.16	<.04	<.06	<.04	<.02
DEC 23...	<1	<.5	<.009	<.5	E.1	<.5	<.03	<.03	<.16	<.04	<.06	<.04	<.02
DEC 30...	M	E.1	<.009	E.1	E.1	E.1	<.03	<.03	<.16	<.04	<.06	<.04	<.02
JUN 22...	M	E.1	<.009	E.1	E.1	E.1	<.03	<.03	<.16	<.04	<.06	<.04	<.02
JUL 27...	--	--	<.009	--	--	--	<.03	<.03	<.16	<.04	<.06	<.04	<.02
AUG 31...	<1	<.5	<.009	<.5	<.5	<.5	<.03	<.03	<.16	<.04	<.06	<.04	<.02
Date	1,1-Di-chloro-propene water unfltrd ug/L (77168)	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)
OCT 06...	<.03	<.1	<.1	<.3	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
NOV 04...	<.03	<.1	<.1	<.3	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
DEC 23...	<.03	<.1	<.1	<.3	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
DEC 30...	<.03	<.1	<.1	<.3	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
JUN 22...	<.03	<.1	<.1	<.3	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
JUL 27...	<.03	<.1	<.1	<.3	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
AUG 31...	<.03	<.1	<.1	<.3	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
Date	1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226)	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)
OCT 06...	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05	<.08	<.6	<.1	E.03
NOV 04...	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05	<.08	<.6	<.1	E.03
DEC 23...	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05	<.08	<.6	<.1	E.01
DEC 30...	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05	<.08	<.6	<.1	<.02
JUN 22...	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05	<.08	<.6	<.1	<.02
JUL 27...	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05	<.08	<.6	<.1	<.02
AUG 31...	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.50	<.05	<.08	<.6	<.1	<.02

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	Bromo- benzene water unfltrd ug/L (81555)	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)
OCT 06...	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05
NOV 04...	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05
DEC 23...	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05
DEC 30...	<.03	<.12	E.04	<.1	<.3	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05
JUN 22...	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05
JUL 27...	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05
AUG 31...	<.03	<.12	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02	<.05	<.1	<.05
Date	Di- chloro- di- fluoro- methane wat unf ug/L (34668)	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- nitrite water unfltrd ug/L (81593)
OCT 06...	<.18	<.1	<.1	<.10	<.2	<.40	<.03	<.1	<.1	<.35	<.4	<.04	<.8
NOV 04...	<.18	<.1	<.1	<.10	<.2	<.40	<.03	<.1	<.1	<.35	<.4	<.04	<.8
DEC 23...	<.18	<.1	<.1	<.10	<.2	<.40	<.03	<.1	<.1	<.35	<.4	<.04	<.8
DEC 30...	<.18	<.1	<.1	<.10	<.2	<.40	<.03	<.1	<.1	<.35	<.4	<.04	<.8
JUN 22...	<.18	<.1	<.1	<.10	<.2	<.40	<.03	<.1	<.1	<.35	<.4	<.04	<.8
JUL 27...	<.18	<.1	<.1	<.10	<.2	<.40	<.03	<.1	<.1	<.35	<.4	<.04	<.8
AUG 31...	<.18	<.1	<.1	<.10	<.2	<.40	<.03	<.1	<.1	<.35	<.4	<.04	<.8
Date	Methyl acryla- te, water, unfltrd ug/L (49991)	Methyl methac- rylate, water, unfltrd ug/L (81597)	Methyl tert- pentyl ether, water, unfltrd ug/L (50005)	meta- + para- Xylene, water, unfltrd ug/L (85795)	Naphth- alene, 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 ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)
OCT 06...	<.20	<.3	<.08	<.06	<.5	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2
NOV 04...	<.20	<.3	<.08	<.06	<.5	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2
DEC 23...	<.20	<.3	<.08	<.06	<.5	<.7	<.1	<.04	<.04	<.06	<.04	<.05	E.1
DEC 30...	<.20	<.3	<.08	<.06	<.5	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2
JUN 22...	<.20	<.3	<.08	<.06	<.5	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2
JUL 27...	<.20	<.3	<.08	<.06	<.5	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2
AUG 31...	<.20	<.3	<.08	<.06	<.5	<.7	<.1	<.04	<.04	<.06	<.04	<.05	<.2

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

Date	tert-Butylbenzene water unfltrd ug/L (77353)	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, wat 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 chlor-ide, water, unfltrd ug/L (39175)
OCT 06...	<.06	<.06	<.06	<2	E.04	<.03	<.09	<.7	<.10	<.04	<.16	E.02	<.1
NOV 04...	<.06	<.06	<.06	<2	<.05	<.03	<.09	<.7	<.10	<.04	<.16	E.03	<.1
DEC 23...	<.06	<.06	<.06	<2	E.02	<.03	<.09	<.7	<.10	<.04	<.16	E.03	<.1
DEC 30...	<.06	E.03	<.06	<2	<.05	<.03	<.09	<.7	<.10	<.04	<.16	.16	<.1
JUN 22...	<.06	<.06	<.06	<2	E.02	<.03	<.09	<.7	<.10	<.04	<.16	E.02	<.1
JUL 27...	<.06	<.06	<.06	<2	<.05	<.03	<.09	<.7	<.10	<.04	<.16	<.02	<.1
AUG 31...	<.06	<.06	<.06	<2	E.02	<.03	<.09	<.7	<.10	<.04	<.16	E.02	<.1

Date	Di-chloro-vos, water fltrd, ug/L (38775)
OCT 06...	<.01
NOV 04...	<.01
DEC 23...	<.01
DEC 30...	<.01
JUN 22...	<.01
JUL 27...	<.01
AUG 31...	<.01

Remark codes used in this table:

< -- Less than

E -- Estimated value

M-- Presence verified, not quantified

Medium codes used in this table:

9 -- Surface water