

## 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 mi<sup>2</sup>.

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 2004 TO SEPTEMBER 2005

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)	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)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)
OCT													
12...	1000	9	757	7.8	82	7.5	204	17.4	<.5	<.5	<.09	<.016	<.04
18...	1400	9	751	8.9	94	7.2	155	17.3	<.5	<.5	--	--	--
DEC													
29...	1130	9	771	11.8	88	7.7	313	3.4	M	<.5	<.09	<.016	<.04
JAN													
28...	1230	9	775	11.0	84	6.9	171	4.6	<.5	<.5	--	--	--
FEB													
02...	1200	9	768	12.0	94	7.7	152	5.2	<.5	<.5	<.09	<.016	.04
17...	1015	9	755	10.6	96	7.2	146	10.5	--	--	--	--	--
MAR													
10...	1130	9	753	11.2	96	7.1	127	8.3	<.5	<.5	M	<.016	.17
APR													
14...	1130	9	756	9.3	88	7.1	109	12.7	<.5	<.5	<.09	<.016	E.53
MAY													
09...	0930	9	758	8.3	86	7.0	140	16.7	--	--	<.09	<.032	.35
31...	1130	9	760	6.5	74	7.3	213	21.4	<.5	<.5	<.09	<.016	<.04
JUN													
27...	1030	9	763	6.8	82	7.3	212	25.4	--	--	<.09	<.016	E.03
JUL													
12...	1030	9	761	6.0	76	7.4	190	27.0	<.5	<.5	<.09	<.016	E.03
AUG													
05...	1000	9	763	6.2	79	7.4	201	27.5	--	--	E.01	<.016	E.07
Date	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-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	2Chloro-2',6'-diethyl acet-anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Alachlor 2nd amide, water, fltrd, ug/L (63781)	Acetochlor 3rd amide, water, fltrd, ug/L (63782)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	OIET, water, fltrd, ug/L (50355)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3,4-Dichloro-aniline water, fltrd, ug/L (61625)
OCT													
12...	<.02	<.006	<.5	<.02	<.005	<.006	<.08	<.02	<.02	<.004	E.028	<.5	.060
18...	--	--	<.5	--	--	--	--	--	--	--	--	<.5	--
DEC													
29...	<.02	<.006	<.5	<.02	<.005	<.006	<.08	<.02	<.02	<.004	E.025	<.5	.013
JAN													
28...	--	--	<.5	--	--	--	--	--	--	--	--	<.5	--
FEB													
02...	<.02	<.006	<.5	<.02	<.005	E.007	E.03	<.02	<.02	<.004	E.023	<.5	.014
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
10...	<.02	<.006	<.5	<.02	<.005	<.006	E.06	<.02	<.02	<.004	<.032	<.5	E.021
APR													
14...	<.02	<.006	<.5	<.02	<.005	<.006	E.04	<.02	<.02	<.004	<.032	<.5	E.022
MAY													
09...	<.02	<.006	--	<.02	<.005	E.007	E.04	<.02	<.02	<.004	<.032	--	--
31...	<.02	<.006	<.5	.02	<.005	<.006	<.08	<.02	<.02	<.004	<.032	<.5	E.080
JUN													
27...	<.02	<.006	--	<.02	<.005	E.006	<.08	<.02	<.02	<.004	<.032	--	E.062
JUL													
12...	<.02	<.006	<.5	<.02	<.005	E.007	<.08	<.02	<.02	<.004	<.032	<.5	E.083
AUG													
05...	<.02	<.006	--	<.02	<.005	E.008	<.08	<.02	<.02	<.004	<.032	--	E.080



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

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Aldi-carb sulf-oxide, wat flt 0.7u GF (49314)	Aldi-carb, water, fltrd 0.7u GF (49312)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	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 (82686)	Bendio-carb, water, fltrd, ug/L (50299)	Ben-flur-alin, water, fltrd 0.7u GF (82673)	Benomyl water, fltrd, ug/L (50300)	Bensul-furon, water, fltrd, ug/L (61693)	Ben-tazon, water, fltrd 0.7u GF (38711)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)
OCT 12...	<.022	<.04	--	<.5	.012	<.07	<.050	<.02	<.010	.036	<.02	<.01	<.5
OCT 18...	--	--	--	<.5	--	--	--	--	--	--	--	--	<.5
DEC 29...	<.022	<.04	--	<.5	.008	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
JAN 28...	--	--	--	<.5	--	--	--	--	--	--	--	--	<.5
FEB 02...	<.022	<.04	--	<.5	.013	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
FEB 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.022	<.04	--	<.5	.015	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
APR 14...	<.022	<.04	--	<.5	.049	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
MAY 09...	<.022	<.04	--	--	.024	<.07	<.050	<.02	<.010	<.022	<.02	<.01	--
MAY 31...	<.022	<.04	--	<.5	<.011	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
JUN 27...	<.022	<.04	<.005	--	.009	<.07	<.050	<.02	<.010	<.022	<.02	<.01	--
JUL 12...	<.022	<.04	<.005	<.5	.012	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
AUG 05...	<.022	<.04	<.005	--	.010	<.07	<.050	<.02	<.010	<.022	<.02	<.01	--
Date	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF (49311)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF (49310)	Carbaryl, water, fltrd 0.7u GF (82680)	Carbazole, water, fltrd, ug/L (62071)	Carbofuran, water, fltrd 0.7u GF (49309)	Carbofuran, water, fltrd 0.7u GF (82674)
OCT 12...	<.5	E1	E2	<1	<.02	<.03	.032	<.5	<.02	<.041	<.5	<.016	--
OCT 18...	<.5	<2	<2	<1	<.5	--	E.1	<.5	--	<1	<.5	--	--
DEC 29...	<.5	M	M	<1	<.02	<.03	E.060	<.5	<.02	<.041	<.5	<.016	--
JAN 28...	E.1	<2	<2	<1	<.5	--	E.1	<.5	--	<1	<.5	--	--
FEB 02...	<.5	<2	M	<1	<.02	<.03	.035	<.5	<.02	E.011	<.5	<.016	--
FEB 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.5	<2	M	<1	<.02	<.03	.050	M	<.02	<.041	<.5	<.016	--
APR 14...	<.5	<2	M	<1	<.02	<.03	.056	M	E.01	E.024	<.5	<.016	--
MAY 09...	--	--	--	--	<.02	<.03	.065	--	M	E.014	--	<.016	--
MAY 31...	M	<2	<2	--	<.02	<.03	.022	M	<.02	<.041	<.5	<.016	--
JUN 27...	--	--	--	--	<.02	<.03	<.018	--	<.02	E.008	--	<.016	<.020
JUL 12...	M	<2	<2	--	<.02	<.03	<.030	M	E.01	E.013	<.5	<.016	<.020
AUG 05...	--	--	--	--	<.02	<.03	.028	--	E.02	E.026	--	<.016	<.020

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

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

Date	Chlor-amben methyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-triazine, wat flt ug/L (04039)	Chloro-thalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	cis-Propiconazole, water, fltrd, ug/L (79846)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cotinine, water, fltrd, ug/L (62005)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)
OCT 12...	<.02	<.032	E.02	<.04	<.06	<.005	E2	<.006	--	<.02	<1.00	--	<.01
OCT 18...	--	--	--	--	--	<.5	<2	--	--	--	<1.00	--	--
DEC 29...	<.02	<.032	<.04	--	<.06	<.005	M	<.006	--	<.02	<1.00	--	<.01
JAN 28...	--	--	--	--	--	<.5	M	--	--	--	<1.00	--	--
FEB 02...	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006	--	<.02	<1.00	--	<.01
FEB 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.02	<.032	<.04	<.04	<.15	<.005	M	<.006	--	<.02	<1.00	--	<.01
APR 14...	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006	--	<.02	<1.00	--	<.01
MAY 09...	<.02	<.032	<.04	<.04	<.06	<.005	--	<.006	--	<.02	--	--	<.01
MAY 31...	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006	--	<.05	<1.00	--	<.01
JUN 27...	<.02	<.032	<.04	<.04	<.06	<.005	--	<.006	<.008	<.02	--	<.018	<.01
JUL 12...	<.02	<.032	<.04	<.04	<.06	E.004	<2	<.006	<.008	<.02	<1.00	<.018	<.01
AUG 05...	<.02	<.032	<.04	<.04	<.06	<.005	--	<.006	<.008	<.02	--	<.018	<.01

Date	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	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)	De-chloro-aceto-chlor, water, fltrd, ug/L (63778)	De-chloro-ala-chlor, water, fltrd, ug/L (63777)	De-chloro-dimeth-enamid, water, fltrd, ug/L (63779)	De-chloro-metola-chlor, water, fltrd, ug/L (63780)	DEET, water, fltrd, ug/L (62082)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)
OCT 12...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.5	E.008	<.01	<.005
OCT 18...	--	--	--	--	--	--	--	--	--	E.1	--	--	<.5
DEC 29...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	M	<.012	<.01	<.005
JAN 28...	--	--	--	--	--	--	--	--	--	E.1	--	--	<.5
FEB 02...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	M	E.007	<.01	.008
FEB 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	E.004	<.01	<.005
APR 14...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	E.003	<.01	<.005
MAY 09...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.008	<.01	<.005
MAY 31...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	E.007	--	.014
JUN 27...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.005	--	<.005
JUL 12...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	E.008	--	E.006
AUG 05...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.008	--	E.006

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

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Dicamba water fltrd 0.7u GF ug/L (38442)	Di- chlor- prop, water, fltrd 0.7u GF ug/L (49302)	Dicro- tophos, 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 ug/L (82662)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen- amid, water, fltrd, ug/L (04033)	Disulf- oton sulfone water, fltrd, ug/L (61640)
OCT 12...	<.04	<.03	<.08	<.009	E2	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
18...	--	--	--	--	E4	<1	--	--	--	--	--	--	--
DEC 29...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
JAN 28...	--	--	--	--	<5	<1	--	--	--	--	--	--	--
FEB 02...	<.04	<.03	<.08	<.009	E2	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.04	<.03	<.08	<.009	E2	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
APR 14...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
MAY 09...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	--
31...	<.05	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
JUN 27...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	<.01
JUL 12...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	<.01
AUG 05...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	<.01

  

Date	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	D-Limo- nene, water, fltrd, ug/L (62073)	Endo- sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	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)
OCT 12...	--	.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
18...	--	--	<.5	--	--	--	--	--	<1	--	--	--	--
DEC 29...	--	.02	<.5	--	--	<.0020	<.004	--	<1	<.049	--	<.03	<.02
JAN 28...	--	--	<.5	--	--	--	--	--	<1	--	--	--	--
FEB 02...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
APR 14...	--	.03	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
MAY 09...	--	.07	--	--	--	<.0020	<.004	--	--	<.049	<.04	<.03	<.02
31...	--	.02	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
JUN 27...	<.02	E.02	--	<.014	<.004	<.002	<.004	<.005	--	<.049	<.04	<.03	<.02
JUL 12...	<.02	.04	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03	<.02
AUG 05...	<.02	.03	--	<.014	<.004	<.01	<.004	<.005	--	<.049	<.04	<.03	<.02

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

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Desulf- inyl- fipron- il amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Flufen- acet ESA, water, fltrd, ug/L (61952)	Flufe- nacet OA, water, fltrd, ug/L (62483)	Flufe- nacet, 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)
OCT 12...	E.003	E.009	E.012	E.031	<.02	<.02	<.02	<.04	<.02	<.5	<.003	<.003	<.5
18...	--	--	--	--	--	--	--	--	--	<.5	--	--	<.5
DEC 29...	<.029	<.013	<.024	E.016	<.02	<.02	<.02	<.04	<.02	<.5	<.003	<.003	M
JAN 28...	--	--	--	--	--	--	--	--	--	<.5	--	--	<.5
FEB 02...	E.007	E.008	E.008	E.015	<.02	<.02	<.02	<.04	<.02	<.5	--	<.003	<.5
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.04	<.02	M	--	<.003	M
APR 14...	<.029	<.013	<.024	E.016	<.02	<.02	<.02	<.04	<.02	<.5	--	<.003	<.5
MAY 09...	E.007	E.009	<.024	E.021	<.02	<.02	<.02	<.04	<.02	--	--	<.003	--
31...	<.029	E.007	E.010	E.018	<.02	<.02	<.02	<.04	<.02	<.5	--	<.003	M
JUN 27...	E.007	E.006	E.007	E.014	<.02	<.02	<.02	<.04	<.02	--	--	<.003	--
JUL 12...	E.007	E.009	E.009	E.019	<.02	<.02	<.02	<.04	<.02	M	--	<.003	M
AUG 05...	E.013	E.010	E.010	E.023	<.02	<.02	<.02	<.04	<.02	--	--	<.003	--

  

Date	Hexa- zinone, water, fltrd, ug/L (04025)	Hydroxy aceto- chlor, water, fltrd, ug/L (63784)	Hydroxy ala- chlor, water, fltrd, ug/L (63783)	Hydroxy dimeth- enamid, water, fltrd, ug/L (64045)	Hydroxy metola- chlor, water, fltrd, ug/L (63785)	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)	Isofen- phos, water, fltrd, ug/L (61594)	Iso- phorone water, fltrd, ug/L (34409)
OCT 12...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	E.019	<.5	<.387	<.5	<.003	<.5
18...	--	--	--	--	--	--	--	--	<.5	--	<.5	--	<.5
DEC 29...	<.013	<.02	<.02	<.02	<.02	<.09	<.04	<.020	<.5	<.387	<.5	<.003	<.5
JAN 28...	--	--	--	--	--	--	--	--	<.5	--	<.5	--	M
FEB 02...	<.013	<.02	<.02	<.02	<.02	E.01	<.04	<.020	<.5	<.387	<.5	<.003	<.5
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	M
APR 14...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	<.5
MAY 09...	.019	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--
31...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	M
JUN 27...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--
JUL 12...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	<.5
AUG 05...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--

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

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Iso-propylbenzene water, fltrd, ug/L (62078)	Iso-quinoline, 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)	Metolaxyl, water, fltrd, ug/L (50359)	Metolaxyl, 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)
OCT 12...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	E.01	<.005	<.006	<.010	<.020
OCT 18...	<.5	<.5	--	--	--	--	--	<.5	<.5	--	--	--	--
DEC 29...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
JAN 28...	<.5	<.5	--	--	--	--	--	<.5	<.5	--	--	--	--
FEB 02...	<.5	<.5	<.01	<.030	<.027	E.03	<.01	<.5	M	<.005	<.006	<.010	<.020
FEB 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.5	<.5	<.01	<.030	<.027	E.10	<.01	<.5	<.01	<.005	<.006	<.010	<.020
APR 14...	<.5	<.5	<.01	<.030	<.027	<.05	<.01	<.5	<.01	<.010	<.006	<.010	<.020
MAY 09...	--	--	<.01	<.030	<.027	.03	<.01	--	<.01	<.005	<.006	<.010	<.020
MAY 31...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
JUN 27...	--	--	<.01	<.030	<.027	<.03	<.01	--	E.01	.010	<.006	<.010	<.020
JUL 12...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
AUG 05...	--	--	<.01	<.030	<.027	<.03	<.01	--	.03	.025	<.006	<.010	<.020
Date	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)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	Myclo-butanil water, fltrd, ug/L (61599)	N-(4-Chloro-phenyl)-N'-methyl-urea, ug/L (61692)	Naphth-alene, water, fltrd, ug/L (34443)
OCT 12...	--	<.03	<.015	<.5	.06	.04	E.009	<.006	<.03	--	<.008	<.04	<.5
OCT 18...	--	--	--	<.5	--	--	<.5	--	--	--	--	--	<.5
DEC 29...	<1.0	<.03	<.015	<.5	.03	<.02	<.010	<.006	<.03	--	<.008	<.04	<.5
JAN 28...	--	--	--	M	--	--	<.5	--	--	--	--	--	<.5
FEB 02...	<1.0	<.03	<.015	<.5	.03	<.02	.009	<.006	<.03	--	<.008	<.04	<.5
FEB 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<1.0	<.03	<.015	M	.07	.03	<.02	<.006	<.03	--	<.020	<.04	<.5
APR 14...	<1.0	<.03	<.015	<.5	<.02	<.02	<.02	<.006	<.03	--	.018	<.04	<.5
MAY 09...	--	<.03	<.015	--	<.02	<.02	<.02	<.006	<.03	--	<.008	<.04	--
MAY 31...	<1.0	<.03	<.015	M	.06	.04	.012	<.006	<.03	--	<.008	<.04	<.5
JUN 27...	--	<.03	<.015	--	<.02	<.02	.02	<.006	<.03	<.003	<.008	<.04	--
JUL 12...	--	<.03	<.015	<.5	.03	.03	.13	<.006	<.03	<.003	.011	<.04	<.5
AUG 05...	--	<.03	<.015	--	.03	.02	<.02	<.006	<.03	<.003	.014	<.04	--

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

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

Date	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)	Oxyfluorfen, water, fltrd, ug/L (61600)	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 12...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	<2	<.5	<.5	<.10	<.011
OCT 18...	--	--	--	--	--	--	<1	--	<2	<.5	.9	--	--
DEC 29...	<.01	<.04	<.02	<.01	<.03	--	M	<.022	<2	<.5	E.1	<.10	<.011
JAN 28...	--	--	--	--	--	--	M	--	<2	<.5	<.5	--	--
FEB 02...	<.01	<.04	<.02	<.01	<.03	--	M	<.022	<2	<.5	E.4	<.10	<.011
FEB 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.01	<.04	<.02	<.01	<.03	--	M	<.075	<2	<.5	<.5	<.10	<.011
APR 14...	<.01	<.04	<.02	<.01	<.03	--	<1	E.016	--	<.5	E.4	<.10	<.011
MAY 09...	<.01	<.04	<.02	<.01	<.03	--	--	E.011	--	--	--	<.10	<.011
MAY 31...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	--	<.5	E.2	<.10	<.011
JUN 27...	<.01	<.04	<.02	<.01	<.03	<.007	--	<.022	--	--	--	<.10	<.011
JUL 12...	<.01	<.04	<.02	<.01	<.03	<.007	<1	<.022	--	<.5	E.1	<.10	<.011
AUG 05...	<.01	<.04	<.02	<.01	<.03	<.007	--	<.022	--	--	--	<.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)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)
OCT 12...	<.05	<.008	<.03	.02	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
OCT 18...	--	--	--	<.5	--	--	--	--	--	--	--	--	--
DEC 29...	<.05	<.008	<.03	.01	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
JAN 28...	--	--	--	<.5	--	--	--	--	--	--	--	--	--
FEB 02...	<.05	<.008	--	.01	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
FEB 17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.05	<.008	--	.03	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
APR 14...	<.05	<.008	<.03	.02	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
MAY 09...	<.05	<.008	<.03	.02	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
MAY 31...	--	--	<.03	.01	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
JUN 27...	<.05	<.008	<.03	.01	<.005	<.006	<.05	<.02	<.02	<.011	<.02	<.030	<.01
JUL 12...	--	--	<.03	.02	<.005	<.008	<.05	<.02	<.02	<.011	<.02	<.030	<.01
AUG 05...	<.05	<.008	<.03	.03	<.010	<.010	<.05	<.02	<.02	<.011	<.02	<.030	<.01



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

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Pro-poxur, water, fltrd 0.7u GF ug/L (38538)	Pyrene, water, fltrd, ug/L (34470)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Sulfo-met-ruron, water, fltrd, ug/L (50337)	Tebu-thiuron water fltrd 0.7u GF ug/L (82670)	Teflu-thrin, water, fltrd, ug/L (61606)	Terba-cil, water, fltrd, ug/L (04032)	Ter-bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (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)
OCT 12...	E.004	<.5	<.02	.018	<.038	<.02	--	<.016	<.07	<.02	<.01	--	--
18...	--	<.5	--	--	--	--	--	--	--	--	--	--	--
DEC 29...	<.008	<.5	<.02	.127	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
JAN 28...	--	<.5	--	--	--	--	--	--	--	--	--	--	--
FEB 02...	<.008	<.5	<.02	.491	<.038	<.02	--	<.016	<.07	<.02	E.01	<1.0	<2.00
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	<.008	<.5	<.02	.739	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
APR 14...	<.008	<.5	E.01	.290	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
MAY 09...	<.008	--	E.01	.172	<.038	<.02	--	<.016	<.07	<.02	<.01	--	--
31...	<.008	<.5	<.02	.115	<.038	<.02	--	<.016	<.07	<.02	E.01	<1.0	<2.00
JUN 27...	<.008	--	<.02	.105	<.038	<.02	<.008	<.016	<.07	<.02	M	--	--
JUL 12...	<.008	M	E.01	.091	<.038	<.02	<.008	<.016	<.07	<.02	E.01	--	--
AUG 05...	<.008	--	<.02	.058	<.038	<.02	<.008	<.016	<.07	<.02	<.01	--	--

  

Date	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF ug/L (82681)	trans-Propi-cona-zole, water, fltrd, ug/L (79847)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tribu-phos, water, fltrd, ug/L (61610)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Tri-clopyr, water, fltrd 0.7u GF ug/L (49235)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phosphate, wat flt ug/L (62087)
OCT 12...	<.5	--	--	<.5	--	<.5	<.03	<1	<.5	<.009	<.5	<.5	E.2
18...	<.5	--	--	<.5	--	<.5	--	<1	<.5	--	<.5	<.5	<.5
DEC 29...	<.5	--	--	<.5	--	<.5	<.03	<1	<.5	<.009	<.5	<.5	E.2
JAN 28...	<.5	--	--	<.5	--	<.5	--	<1	<.5	--	<.5	<.5	E.3
FEB 02...	E2.9	--	--	<.5	--	<.5	.09	<1	<.5	E.005	<.5	<.5	E.2
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 10...	M	--	--	<.5	--	E.1	.14	<1	M	E.005	M	<.5	E.1
APR 14...	<.5	--	--	<.5	--	<.5	<.09	<1	<.5	<.009	<.5	<.5	M
MAY 09...	--	--	--	--	--	--	.08	--	--	<.009	--	--	--
31...	M	--	--	<.5	--	M	<.03	<1	M	<.009	<.5	E.2	E.1
JUN 27...	--	<.010	<.01	--	<.046	--	<.03	--	--	<.009	--	--	--
JUL 12...	<.5	<.010	<.01	<.5	<.025	M	<.03	<1	M	<.009	M	E.2	E.1
AUG 05...	--	<.010	<.01	--	<.020	--	<.03	--	--	<.009	--	--	--







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

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	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 unfl 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)	Di- chlor- vos, water fltrd, ug/L (38775)
OCT									
12...	<.03	<.09	<.7	<.10	<.04	<.08	E.03	<.1	<.01
18...	<.03	<.09	<.7	<.10	<.04	<.08	E.07	<.1	--
DEC									
29...	<.03	<.09	<.7	<.10	<.04	<.08	E.03	<.1	<.01
JAN									
28...	<.03	<.09	<.7	<.10	<.04	<.08	E.04	<.1	--
FEB									
02...	<.03	<.09	<.7	<.10	<.04	<.08	E.04	<.1	<.01
17...	<.03	<.09	<.7	<.10	<.04	<.08	E.05	<.1	--
MAR									
10...	<.03	<.09	<.7	<.10	<.04	<.08	E.04	<.1	<.01
APR									
14...	<.03	<.09	<.7	<.10	<.04	<.08	E.04	<.1	<.01
MAY									
09...	--	--	--	--	--	--	--	--	<.01
31...	<.03	<.09	<.7	<.10	<.04	<.08	E.03	<.1	<.01
JUN									
27...	--	--	--	--	--	--	--	--	<.01
JUL									
12...	<.03	<.09	<.7	<.10	<.04	<.08	E.03	<.1	<.01
AUG									
05...	--	--	--	--	--	--	--	--	<.01

Remark codes used in this table:

< -- Less than.

E -- Estimated.

M-- Presence verified but not quantified.

Medium codes used in this table:

9 -- Surface water sample.