

353112078205802 TOWN OF SMITHFIELD, NC

LOCATION.--Lat 35°31'12", long 78°20'58", Johnston County, Hydrologic Unit 03020201, town of Smithfield.

DRAINAGE AREA.--Not applicable.

PERIOD OF RECORD.--Water years 2004 to current year.

REMARKS.--Station operated as part of NAWQA program from June 2004 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)	Specific conductance, wat unfltrd 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 14...	1400	\$	749	7.6	87	7.7	267	21.3	<.5	<.5	<.09	<.016	<.04
21...	1200	\$	750	8.2	92	8.0	252	20.2	M	<.5	--	--	--
JAN 03...	1230	\$	770	10.6	88	7.9	292	7.7	<.5	<.5	<.09	<.016	<.04
FEB 02...	1115	\$	769	12.2	97	8.4	245	5.8	<.5	<.5	--	--	--
07...	1115	\$	768	12.1	97	8.4	235	6.4	<.5	<.5	<.09	<.016	.05
22...	1115	\$	764	10.5	93	6.7	236	10.2	--	--	--	--	--
MAR 15...	1100	\$	765	11.5	103	7.2	180	10.6	<.5	<.5	<.09	<.016	.09
APR 20...	1030	\$	759	9.7	101	8.5	201	16.9	<.5	<.5	<.09	<.016	.11
MAY 12...	1100	\$	760	8.8	98	8.5	244	20.7	--	--	<.09	<.016	.11
JUN 03...	1130	\$	759	6.7	78	8.6	281	22.4	<.5	<.5	<.09	<.016	E.03
JUL 01...	1045	\$	754	7.5	96	7.8	285	27.5	--	--	<.09	<.016	<.04
15...	1000	\$	759	5.9	77	8.3	275	28.7	M	<.5	<.09	<.016	<.04
AUG 08...	1230	\$	--	7.7	--	8.2	276	29.5	--	--	<.09	<.016	<.04

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

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 acet-anilide wat flt ug/L (61618)	2Chloro -2',6-' diethyl acet-anilide 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 14...	<.02	<.006	<.5	<.02	<.005	<.006	<.08	<.02	<.02	<.004	<.032	<.5	<.004
21...	--	--	<.5	--	--	--	--	--	--	--	<.5	--	--
JAN 03...	<.02	<.006	<.5	<.02	<.005	<.006	<.08	<.02	<.02	<.004	<.032	<.5	<.004
FEB 02...	--	--	<.5	--	--	--	--	--	--	--	<.5	--	--
07...	<.02	<.006	<.5	<.02	<.005	<.006	E.02	<.02	<.02	<.004	E.017	<.5	<.004
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.02	<.006	<.5	<.02	<.005	<.007	E.03	<.02	<.02	<.004	E.012	<.5	<.004
APR 20...	<.02	<.006	<.5	<.02	<.005	E.007	E.03	<.02	<.02	<.004	<.032	<.5	<.004
MAY 12...	<.02	<.006	--	<.02	<.005	E.005	E.01	<.02	<.02	<.004	<.032	--	--
JUN 03...	<.02	<.006	<.5	<.02	<.005	<.006	E.01	<.02	<.02	<.004	<.032	<.5	<.004
JUL 01...	<.02	<.006	--	<.02	<.005	E.006	<.08	<.02	<.02	<.004	<.032	--	<.004
15...	<.02	<.006	<.5	<.02	<.005	E.005	<.08	<.02	<.02	<.004	<.032	M	<.004
AUG 08...	<.02	<.006	--	<.02	<.005	E.005	E.01	<.02	<.02	<.004	E.010	--	<.004

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

Date	3,5-Di-chloro-aniline water, fltrd, ug/L (61627)	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)
OCT 14...	--	<2	<.008	<.02	<1	<5	<.006	<1	<1	<5	<1	<2	<.5
21...	--	M	--	--	<1	<5	--	<1	<1	E2	<1	<2	<.5
JAN 03...	--	<2	<.008	<.02	<1	<5	<.006	<1	<1	M	<1	<2	<.5
FEB 02...	--	<2	--	--	<1	<5	--	<1	<1	E2	<1	<2	<.5
07...	--	<2	<.008	<.02	<1	<5	<.006	<1	<1	E2	<1	<2	<.5
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	--	<2	<.008	<.02	<1	<5	<.006	<1	<1	E3	<1	<2	<.5
APR 20...	--	M	<.008	<.02	<1	<5	<.006	<1	<1	E2	<1	<2	<.5
MAY 12...	--	--	<.008	<.02	--	--	<.006	--	--	--	--	--	--
JUN 03...	<.004	<2	<.008	<.02	<1	<5	<.006	<1	<1	E2	<1	<2	<.5
JUL 01...	<.004	--	<.008	<.25	--	--	<.006	--	--	--	--	--	--
15...	<.004	<2	<.008	<.02	<1	<5	<.006	<1	M	E4	<1	<2	<.5
AUG 08...	<.004	--	<.008	<.02	--	--	<.006	--	--	--	--	--	--

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—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)	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 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)
OCT 14...	<.02	<.02	<.02	<.006	<.5	E.1	<.028	<.02	<.02	<.02	<.02	<.005	<.02
21...	--	--	--	--	<.5	E.1	--	--	--	--	--	--	--
JAN 03...	<.02	<.02	<.02	<.006	E.1	E.1	<.028	<.02	<.02	<.02	<.02	<.005	<.02
FEB 02...	--	--	--	--	<.5	E.1	--	--	--	--	--	--	--
07...	<.02	<.02	<.02	<.006	<.5	E.1	<.028	<.02	<.02	<.02	<.02	<.005	<.02
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.02	<.02	<.02	<.02	<.5	E.1	<.028	<.02	.02	<.02	<.02	<.02	<.02
APR 20...	<.02	<.02	<.02	<.02	<.5	E.1	<.028	<.02	<.02	<.02	<.02	<.02	<.02
MAY 12...	<.02	<.02	<.02	<.02	--	--	<.028	<.02	<.02	<.02	<.02	<.02	<.02
JUN 03...	<.02	<.02	<.02	<.006	E.1	E.1	<.028	<.02	<.02	<.02	<.02	<.005	<.02
JUL 01...	<.02	<.02	<.02	<.02	--	--	<.028	<.02	<.02	<.02	<.02	<.02	<.02
15...	<.02	<.02	<.02	<.02	<.5	E.3	<.028	<.02	<.02	<.02	<.02	<.02	<.02
AUG 08...	<.02	<.02	<.02	<.006	--	--	<.028	<.02	<.02	<.02	<.02	<.005	<.02

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

Date	Aldi-carb sulf-oxide, wat flt 0.7u GF ug/L (49314)	Aldi-carb, water, fltrd 0.7u GF ug/L (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 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)
OCT 14...	<.022	<.04	--	<.5	.012	<.07	<.050	<.02	<.010	<.022	<.02	E.01	<.5
21...	--	--	--	<.5	--	--	--	--	--	--	--	--	<.5
JAN 03...	<.022	<.04	--	<.5	.008	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
FEB 02...	--	--	--	<.5	--	--	--	--	--	--	--	--	<.5
07...	<.022	<.04	--	<.5	.009	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.022	<.04	--	<.5	.009	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
APR 20...	<.022	<.04	--	<.5	.014	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
MAY 12...	<.022	<.04	--	--	.013	<.07	<.050	<.02	<.010	<.022	<.02	E.01	--
JUN 03...	<.022	<.04	<.005	<.5	.011	<.07	<.050	<.02	<.010	<.022	<.02	<.01	<.5
JUL 01...	<.022	<.04	<.005	--	E.008	<.07	<.050	<.02	<.010	<.022	<.02	<.01	--
15...	<.022	<.04	<.005	<.5	.009	<.07	<.050	E.02	<.010	<.022	<.02	E.01	E.3
AUG 08...	<.022	<.04	<.005	--	.008	<.07	<.050	<.02	<.010	<.022	<.02	<.01	--

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

Date	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, 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)	Brom-oxnyl, water, fltrd 0.7u GF ug/L (49311)	Caf-feine, water, fltrd, ug/L (50305)	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)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)
OCT 14...	<.5	<2	<2	<1	<.02	<.03	.037	<.5	<.02	<.041	<.5	<.016	--
21...	E.1	<2	<2	M	<.5	--	E.1	<.5	--	<1	<.5	--	--
JAN 03...	M	<2	<2	M	<.02	<.03	.028	<.5	<.02	<.041	<.5	<.016	--
FEB 02...	M	<2	<2	M	<.5	--	M	<.5	--	<1	<.5	--	--
07...	E.1	<2	<2	M	<.02	<.03	.029	<.5	<.02	<.041	<.5	<.016	--
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	E.1	<2	<2	<1	<.02	<.03	.025	<.5	<.02	<.041	<.5	<.016	--
APR 20...	E.1	M	M	<1	<.02	<.03	.019	<.5	<.02	E.009	<.5	<.016	--
MAY 12...	--	--	--	--	<.02	<.03	E.022	--	<.02	<.041	--	<.016	--
JUN 03...	E.1	<2	<2	<1	<.02	<.03	<.018	<.5	<.02	<.041	<.5	<.016	<.020
JUL 01...	--	--	--	--	<.02	<.03	<.018	--	<.02	<.041	--	<.016	<.020
15...	E.1	<2	E2	<1	<.02	<.03	.070	<.5	<.02	E.006	<.5	<.016	<.020
AUG 08...	--	--	--	--	<.02	<.03	<.018	--	<.02	<.041	--	<.016	<.020

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

Date	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)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	cis- Propi- cona- zole, water, fltrd, ug/L (79846)	Clopyr- alid, water, fltrd 0.7u GF ug/L (49305)	Coti- nine, water, fltrd, ug/L (62005)	Cyana- zine, water, fltrd, ug/L (04041)	Cyclo- ate, water, fltrd, ug/L (04031)
OCT 14...	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006	--	<.02	<1.00	--	<.01
21...	--	--	--	--	--	<.5	M	--	--	--	<1.00	--	--
JAN 03...	<.02	<.032	<.04	--	<.06	<.005	<2	<.006	--	<.02	E.018	--	<.01
FEB 02...	--	--	--	--	--	<.5	<2	--	--	--	<1.00	--	--
07...	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006	--	<.03	<1.00	--	<.01
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006	--	<.02	<1.00	--	<.01
APR 20...	<.02	<.032	<.04	<.04	<.06	<.005	M	<.006	--	<.02	<1.00	--	<.01
MAY 12...	<.02	<.032	<.04	<.04	<.06	<.005	--	<.006	--	<.02	--	--	<.01
JUN 03...	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006	<.008	<.02	<1.00	<.018	<.01
JUL 01...	<.02	<.032	<.04	<.04	<.06	<.005	--	<.006	<.008	<.02	--	<.018	<.01
15...	<.02	<.032	<.04	<.04	<.06	<.005	<2	<.006	<.008	<.02	<1.00	<.018	<.01
AUG 08...	<.02	<.032	<.02	<.04	<.06	<.005	--	<.006	<.008	<.02	--	<.018	<.01

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

Date	Cyflu- thrin, water, fltrd, ug/L (61585)	lambda- Cyhalo- thrin, water, fltrd, ug/L (61595)	Cyper- methrin 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 fiproni- l, water, fltrd, ug/L (62170)	Diazi- non oxon, water, fltrd, ug/L (61638)	Diazi- non, water, fltrd, ug/L (39572)
OCT 14...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.5	E.007	<.01	<.005
21...	--	--	--	--	--	--	--	--	--	E.1	--	--	<.5
JAN 03...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	M	<.012	<.01	<.005
FEB 02...	--	--	--	--	--	--	--	--	--	E.1	--	--	<.5
07...	<.008	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	M	<.012	<.01	<.005
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	<.012	<.01	<.005
APR 20...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	<.5	E.005	<.01	<.005
MAY 12...	<.027	--	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.004	<.01	<.005
JUN 03...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	M	E.004	--	<.005
JUL 01...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.005	--	<.005
15...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	E.1	E.004	--	<.005
AUG 08...	<.027	<.009	<.009	<.03	<.003	<.02	<.02	<.02	<.02	--	E.005	--	<.005

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## 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 14...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
21...	--	--	--	--	E1	<1	--	--	--	--	--	--	--
JAN 03...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
FEB 02...	--	--	--	--	E2	<1	--	--	--	--	--	--	--
07...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
APR 20...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	--
MAY 12...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	--
JUN 03...	<.04	<.03	<.08	<.009	<5	<1	<.02	<.02	<.02	<.006	<.04	<.01	<.01
JUL 01...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	<.01
15...	<.04	<.03	<.08	<.009	E6	M	<.02	<.02	<.02	<.006	E.01	<.01	<.01
AUG 08...	<.04	<.03	<.08	<.009	--	--	<.02	<.02	<.02	<.006	<.04	<.01	<.01

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

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 14...	--	E.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
21...	--	--	<.5	--	--	--	--	--	<1	--	--	--	--
JAN 03...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
FEB 02...	--	--	<.5	--	--	--	--	--	<1	--	--	--	--
07...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
APR 20...	--	<.01	<.5	--	--	<.0020	<.004	--	<1	<.049	<.04	<.03	<.02
MAY 12...	--	.01	--	--	--	<.0020	<.004	--	--	<.049	<.04	<.03	<.02
JUN 03...	<.02	<.01	<.5	<.014	<.004	<.002	<.004	<.005	<1	<.049	<.04	<.03	<.02
JUL 01...	<.02	<.01	--	<.014	<.004	<.002	<.004	<.005	--	<.049	<.04	<.03	<.02
15...	<.02	<.01	E.1	<.014	<.004	<.002	<.004	<.005	M	<.049	<.04	<.03	<.02
AUG 08...	<.02	E.01	--	<.014	<.004	<.002	<.004	<.005	--	<.049	<.04	<.03	<.03

353112078205802 TOWN OF SMITHFIELD, NC—Continued

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

Date	Desulf- inyl- fipronil 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- nacat OA, water, fltrd, ug/L (62483)	Flufe- nacat, 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 14...	<.029	E.007	<.024	<.016	<.02	<.02	<.02	<.04	<.02	<.5	<.003	<.003	<.5
21...	--	--	--	--	--	--	--	--	--	<.5	--	--	M
JAN 03...	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.04	<.02	<.5	<.003	<.003	M
FEB 02...	--	--	--	--	--	--	--	--	--	<.5	--	--	<.5
07...	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.04	E.01	<.5	<.003	<.003	<.5
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.04	M	<.5	--	<.003	M
APR 20...	<.029	E.006	<.024	<.016	<.02	<.02	<.02	<.04	<.02	<.5	--	<.003	<.5
MAY 12...	<.029	E.005	<.024	<.016	<.02	<.02	<.02	<.04	M	--	--	<.003	--
JUN 03...	E.006	<.013	<.024	<.016	<.02	<.02	<.02	<.04	<.02	<.5	--	<.003	M
JUL 01...	E.006	E.006	<.024	<.016	<.02	<.02	<.02	<.04	<.02	--	--	<.003	--
15...	E.004	E.005	<.024	<.016	<.02	<.02	<.02	<.04	<.02	M	--	<.003	E.3
AUG 08...	E.006	E.006	<.024	<.016	<.02	<.02	<.02	E.05	<.02	--	--	<.003	--

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

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- clopid 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 14...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.387	<.5	<.003	<.5
21...	--	--	--	--	--	--	--	--	<.5	--	<.5	--	M
JAN 03...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.387	<.5	<.003	<.5
FEB 02...	--	--	--	--	--	--	--	--	<.5	--	<.5	--	<.5
07...	<.013	<.02	<.02	<.02	<.02	<.05	<.04	<.021	<.5	<.387	<.5	<.003	<.5
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	M
APR 20...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	<.5
MAY 12...	.021	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--
JUN 03...	E.008	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	M
JUL 01...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--
15...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	<.5	<.538	<.5	<.003	<.5
AUG 08...	<.013	<.02	<.02	<.02	<.02	<.04	<.04	<.020	--	<.538	--	<.003	--

## 353112078205802 TOWN OF 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)	Metaxyl, water, fltrd, ug/L (50359)	Metaxyl, 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 14...	<.5	<.5	<.01	<.030	<.027	<.03	<.01	<.5	M	<.100	<.006	<.010	<.020
21...	<.5	<.5	--	--	--	--	--	M	<.5	--	--	--	--
JAN 03...	M	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
FEB 02...	M	<.5	--	--	--	--	--	<.5	<.5	--	--	--	--
07...	M	<.5	<.01	<.030	<.027	E.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.5	<.5	<.01	<.030	<.027	E.07	<.01	<.5	<.01	<.005	<.006	<.010	<.020
APR 20...	<.5	<.5	<.01	<.030	<.027	E.02	<.01	<.5	<.01	<.005	<.006	<.010	<.020
MAY 12...	--	--	<.01	<.030	<.027	<.03	<.01	--	<.01	<.005	<.006	<.010	<.020
JUN 03...	M	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
JUL 01...	--	--	<.01	E.010	<.027	<.03	<.01	--	<.01	<.030	<.006	<.010	<.020
15...	E.1	<.5	<.01	<.030	<.027	<.03	<.01	<.5	<.01	<.005	<.006	<.010	<.020
AUG 08...	--	--	<.01	<.030	<.027	<.03	<.01	--	E.01	<.025	<.006	<.010	<.020

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

Date	Methyl acetate water unfltrd ug/L (77032)	Methyl paraxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Naphthalene, water, fltrd, ug/L (34443)
OCT 14...	--	<.03	<.015	<.5	.03	.02	E.007	<.006	<.03	--	<.008	<.04	<.5
21...	--	--	--	M	--	--	M	--	--	--	--	--	<.5
JAN 03...	<1.0	<.03	<.015	<.5	<.02	<.02	<.010	<.006	<.03	--	<.008	<.04	E.3
FEB 02...	--	--	--	M	--	--	<.5	--	--	--	--	--	E.1
07...	<1.0	<.03	<.015	M	.02	<.02	<.006	<.006	<.03	--	<.008	<.04	E.2
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<1.0	<.03	<.015	<.5	.05	<.02	<.02	<.006	<.03	--	<.008	<.04	E.1
APR 20...	<1.0	<.03	<.015	<.5	<.02	<.02	<.02	<.006	<.03	--	<.008	<.04	E.3
MAY 12...	--	<.03	<.015	--	<.02	<.02	<.02	<.006	<.03	--	<.008	<.04	--
JUN 03...	<1.0	<.03	<.015	<.5	<.02	<.02	.014	<.006	<.03	<.003	<.060	<.04	E.1
JUL 01...	--	<.03	<.015	--	<.02	.03	.02	<.006	<.03	<.003	E.007	<.04	--
15...	--	<.03	<.015	<.5	.02	.02	.02	<.006	<.03	<.003	<.008	<.04	E.2
AUG 08...	--	<.03	<.015	--	<.02	<.02	E.005	<.006	<.03	<.003	E.008	<.04	--

353112078205802 TOWN OF 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 14...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	<2	<.5	<.5	<.10	<.011
21...	--	--	--	--	--	--	<1	--	<2	<.5	E.1	--	--
JAN 03...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	<2	<.5	<.5	<.10	<.011
FEB 02...	--	--	--	--	--	--	<1	--	<2	M	<.5	--	--
07...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	<2	<.5	E.1	<.10	<.011
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.01	<.04	<.02	<.01	<.03	--	M	<.022	<2	<.5	E.3	<.10	<.011
APR 20...	<.01	<.04	<.02	<.01	<.03	--	<1	<.022	--	<.5	E.1	<.10	<.011
MAY 12...	<.01	<.04	<.02	<.01	<.03	--	--	<.022	--	--	--	<.10	<.011
JUN 03...	<.01	<.04	<.02	<.01	<.03	<.007	<1	<.022	<2	<.5	E.3	<.10	<.011
JUL 01...	<.01	<.04	<.02	<.01	<.03	<.007	--	<.022	--	--	--	<.10	<.011
15...	<.01	<.04	<.02	<.01	<.03	<.007	M	<.022	<2	<.5	3.8	<.10	<.011
AUG 08...	<.01	<.04	<.02	<.01	<.03	<.007	--	<.022	--	--	--	<.10	<.011

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

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)	Propam water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)
OCT 14...	<.05	<.008	<.03	.02	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
21...	--	--	--	M	--	--	--	--	--	--	--	--	--
JAN 03...	<.05	<.008	<.03	<.01	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
FEB 02...	--	--	--	<.5	--	--	--	--	--	--	--	--	--
07...	<.05	<.008	<.03	.01	<.005	<.004	<.05	<.02	--	--	--	<.030	<.01
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.05	<.008	<.03	<.01	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
APR 20...	--	<.008	<.03	.01	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
MAY 12...	<.05	<.008	<.03	.01	<.005	<.004	<.05	<.02	<.02	--	--	<.030	<.01
JUN 03...	--	--	<.03	<.01	<.005	<.004	<.05	<.02	<.02	<.011	<.02	<.030	<.01
JUL 01...	--	--	<.03	.01	<.005	E.006	<.05	<.02	<.02	<.011	<.02	<.030	<.01
15...	<.05	<.008	<.03	.01	<.005	<.004	<.05	<.02	<.02	<.011	<.02	<.030	<.01
AUG 08...	--	--	<.03	<.01	<.005	<.004	<.05	<.02	<.02	<.011	<.02	<.030	<.01



## 353112078205802 TOWN OF 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 14...	<.008	<.5	<.02	.017	<.038	<.02	--	<.016	<.06	<.02	<.01	--	--
21...	--	<.5	--	--	--	--	--	--	--	--	--	--	--
JAN 03...	<.008	<.5	<.02	.069	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
FEB 02...	--	<.5	--	--	--	--	--	--	--	--	--	--	--
07...	<.008	<.5	<.02	.324	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	<.008	<.5	<.02	.457	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
APR 20...	<.008	<.5	<.02	.183	<.038	<.02	--	<.016	<.07	<.02	<.01	<1.0	<2.00
MAY 12...	<.008	--	<.02	.101	<.038	<.02	--	<.016	<.07	<.02	<.01	--	--
JUN 03...	<.008	<.5	<.02	.070	<.038	<.02	<.008	<.016	<.07	<.02	<.01	<1.0	<2.00
JUL 01...	<.008	--	<.02	.060	<.038	<.02	<.008	<.016	<.07	<.02	E.01	--	--
15...	<.008	M	<.02	.055	<.038	<.02	<.008	<.016	<.07	<.02	<.01	--	--
AUG 08...	<.008	--	<.02	.041	<.038	<.02	<.008	<.016	<.07	<.02	M	--	--

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

Date	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Thio-bencarb water fltrd 0.7u GF (82681)	trans-Propi-conazole, 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 (49235)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-flur-alin, water, fltrd 0.7u GF (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 14...	<.5	--	--	E.3	--	<.5	<.03	<1	<.5	<.009	<.5	<.5	E.1
21...	M	--	--	E.2	--	M	--	<1	<.5	--	<.5	<.5	E.1
JAN 03...	<.5	--	--	E.1	--	M	<.03	<1	M	<.009	M	E.1	E.2
FEB 02...	<.5	--	--	E.1	--	M	--	<1	<.5	--	<.5	<.5	E.2
07...	<.5	--	--	E.1	--	M	E.07	<1	<.5	<.009	<.5	<.5	E.2
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 15...	M	--	--	E.1	--	M	<.12	<1	M	<.009	<.5	E.2	E.2
APR 20...	<.5	--	--	E.1	--	<.5	.07	<1	<.5	<.009	<.5	<.5	<.5
MAY 12...	--	--	--	--	--	--	<.03	--	--	<.009	--	--	--
JUN 03...	M	<.010	<.01	E.3	<.004	M	<.03	<1	M	<.009	<.5	<.5	E.1
JUL 01...	--	<.010	<.01	--	<.030	--	<.03	--	--	<.009	--	--	--
15...	<.5	<.010	<.01	E.2	<.004	E.3	<.03	M	<.5	<.009	E.2	E.5	<.5
AUG 08...	--	<.010	<.01	--	<.004	--	<.03	--	--	<.009	--	--	--







## 353112078205802 TOWN OF 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 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)	Di-chlor-vo-s, water fltrd, ug/L (38775)
OCT									
14...	<.03	<.09	<.7	.35	<.04	<.08	19.3	<.1	<.01
21...	<.03	<.09	<.7	.22	<.04	<.08	17.3	<.1	--
JAN									
03...	<.03	<.09	<.7	.13	<.04	<.08	10.7	<.1	<.01
FEB									
02...	<.03	<.09	<.7	.13	<.04	<.08	11.7	<.1	<1.00
07...	<.03	<.09	<.7	.11	<.04	<.08	13.4	<.1	<.01
22...	<.03	<.09	<.7	.10	<.04	<.08	25.8	<.1	--
MAR									
15...	<.03	<.09	<.7	E.10	<.04	<.08	19.0	<.1	<.01
APR									
20...	<.03	<.09	<.7	E.10	<.04	<.08	19.6	<.1	<.01
MAY									
12...	--	--	--	--	--	--	--	--	<.01
JUN									
03...	<.03	<.09	<.7	.43	<.04	<.08	21.1	<.1	<.01
JUL									
01...	--	--	--	--	--	--	--	--	<.01
15...	<.03	<.09	<.7	.35	<.04	<.08	43.5	<.1	<.01
AUG									
08...	--	--	--	--	--	--	--	--	<.01

Remark codes used in this table:

< -- Less than.

E -- Estimated.

M-- Presence verified but not quantified.