02091500 CONTENTNEA CREEK AT HOOKERTON, NC

Neuse Basin
Contentnea Subbasin

LOCATION.--Lat 35°25′44″, long 77°34′57″ referenced to North American Datum of 1983, Greene County, NC, Hydrologic Unit 03020203, on left bank at bridge on North Carolina Highway 123 at Hookerton, and 2.2 mi upstream from Wheat Swamp Creek.

DRAINAGE AREA.--733 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 1928 to current year.

REVISED RECORDS.--WSP 1333: 1930-35. WSP 1383: Drainage area. WSP 1503: 1951. WSP 1723: 1932. WDR NC-90-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 14.85 ft above NGVD of 1929 (U.S. Army Corps of Engineers bench mark). Prior to November 26, 1934, nonrecording gage at site 1,400 ft upstream at present datum. November 27, 1934 to September 30, 1987, water-stage recorder at site 0.3 mi upstream at present datum. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Flow regulated by Buckhorn Reservoir since September 1976. Maximum gage height for period of record from high-water mark inside gage house.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of September 1928 reached a stage of 23.3 ft, from floodmark; high water of autumn 1924 was about 0.1 ft lower, from information by local resident.

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	41	156	66	803	229	708	419	960	232	27	33	118
2	39	126	69	783	253	647	503	1,060	191	25	30	83
3	37	107	72	728	398	568	578	1,200	168	23	30	59
4	36	92	67	594	486	503	606	1,370	165	25	34	47
5	35	82	64	470	521	645	812	1,490	153	26	37	42
6	35	76	64	393	504	874	1,460	1,420	133	29	33	58
7	37	68	67	335	438	1,130	1,640	1,030	118	34	28	82
8	39	61	69	299	368	1,390	1,870	638	106	84	25	214
9	49	58	68	276	319	1,670	2,030	424	95	159	24	283
10	60	55	67	259	283	1,980	2,180	356	84	174	23	339
11	56	53	66	244	254	2,250	2,290	336	75	167	25	385
12	46	55	64	232	233	2,440	2,250	331	76	169	24	314
13	38	54	61	226	264	2,550	2,000	317	76	160	28	256
14	34	52	59	221	397	2,450	1,670	311	89	151	32	200
15	32	52	59	210	582	2,130	1,310	297	110	128	33	163
16	31	52	129	198	655	1,700	1,070	282	96	100	42	146
17	30	51	268	192	690	1,450	870	263	116	82	41	145
18	30	50	389	194	834	1,290	699	256	132	75	40	145
19	30	52	374	220	e1,100	1,240	566	253	104	67	44	152
20	30	56	313	278	1,370	1,230	509	248	92	57	44	148
21	28	58	270	351	1,450	1,160	493	264	84	55	36	131
22	27	57	228	409	1,400	1,030	504	274	74	62	28	123
23	29	53	194	400	1,340	828	568	269	66	62	22	115
24	32	51	171	372	1,210	695	680	248	59	83	20	104
25	41	50	155	348	1,080	569	766	230	54	108	20	95
26	85	49	212	319	943	508	774	211	50	108	24	295
27	222	53	476	290	843	454	698	191	44	84	73	595
28	282	60	758	267	798	423	711	176	41	66	86	707
29	327	62	819	251	761	396	795	176	35	52	62	723
30	291	65	835	241	---	373	880	209	30	45	88	704
31	212	---	822	231	---	375	---	265	---	38	138	---
Total	2,341	1,966	7,395	10,634	20,003	35,656	32,201	15,355	2,948	2,525	1,247	6,971
Mean	75.5	65.5	239	343	690	1,150	1,073	495	98.3	81.5	40.2	232
Max	327	156	835	803	1,450	2,550	2,290	1,490	232	174	138	723
Min	27	49	59	192	229	373	419	176	30	23	20	42
Cfsm	0.10	0.09	0.33	0.47	0.94	1.57	1.46	0.68	0.13	0.11	0.05	0.32
In.	0.12	0.10	0.38	0.54	1.02	1.81	1.63	0.78	0.15	0.13	0.06	0.35

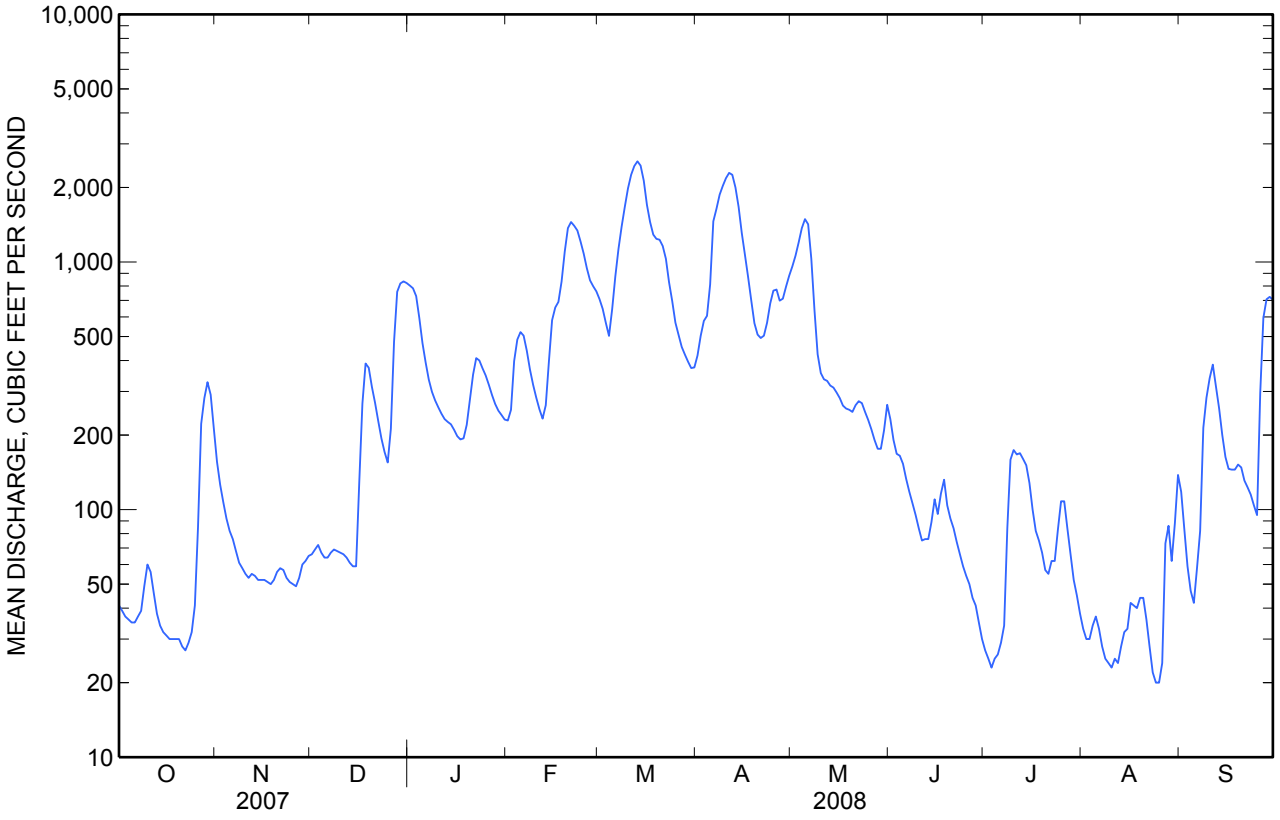
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	495	490	693	1,103	1,345	1,417	1,024	588	461	534	613	640
Max	4,798	2,435	2,349	2,626	4,316	3,491	2,752	3,363	1,770	2,203	2,422	8,825
(WY)	(2000)	(2007)	(1949)	(1993)	(1948)	(1989)	(1989)	(1989)	(1995)	(1929)	(1960)	(1999)
Min	20.3	41.1	64.7	92.5	239	343	202	82.9	38.5	63.3	37.2	24.9
(WY)	(1955)	(1955)	(1934)	(1934)	(1934)	(2006)	(1986)	(1986)	(1986)	(1952)	(1954)	(1954)

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1929 - 2008	
Annual total	149,375		139,242			
Annual mean	409		380		772	
Highest annual mean					1,422	1960
Lowest annual mean					242	1951
Highest daily mean	3,590	Jan 1	2,550	Mar 13	31,500	Sep 19, 1999
Lowest daily mean	27	Oct 22	20	Aug 24	15	Oct 28, 1933
Annual seven-day minimum	29	Oct 17	25	Aug 7	16	Oct 8, 1954
Maximum peak flow			2,580	Mar 13	31,900	Sep 18, 1999
Maximum peak stage			12.72	Mar 13	28.28	Sep 18, 1999
Instantaneous low flow			18	Aug 26	15	Oct 28, 1933
Annual runoff (cfsm)	0.558		0.519		1.05	
Annual runoff (inches)	7.58		7.07		14.30	
10 percent exceeds	1,240		1,070		1,860	
50 percent exceeds	158		176		440	
90 percent exceeds	45		34		84	



02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1950, 1969-72, 1979-2006, 2008.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1979 to September 1984, April 2002 to August 2004.
WATER TEMPERATURE: October 1949 to September 1950, March 1979 to September 1984, April 2002 to August 2004.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from April 2002 to August 2004. Water-quality monitor from October 1981 to September 1984.

REMARKS.--Station operated as part of NAWQA Program from March 1993 to current year. Station also operated as part of NASQAN network from March 1979 to September 1993. Miscellaneous chemical data published for water years 1945, 1947-49, 1955-67.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 307 microsiemens, August 29, 2002; minimum recorded, 41, June 11, 1979 (daily).
WATER TEMPERATURE: Maximum recorded, 31.8°C, August 25, 2002; minimum recorded, 1.0°C, January 13, 14, 1981 (daily), January 18, 1982.

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 1 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Time	Sample medium and type	Instantaneous discharge, cfs (00061)	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 unf µS/cm 25 degC (00095)	Temperature, water, deg C (00010)
Oct									
12...	1430	Surface water, regular	45	766	7.7	87	7.4	184	21.6
26...	1200	Surface water, replicate	75	765	7.4	84	6.6	171	21.9
26...	*1201*	*QC - Surface water, replicate*	--	--	--	--	--	--	--
Nov									
05...	1415	Surface water, regular	80	762	8.7	84	8.0	149	13.8
16...	1430	Surface water, regular	53	760	9.7	90	6.9	155	11.9
Dec									
14...	1130	Surface water, regular	59	756	--	--	6.7	--	8.0
21...	1130	Surface water, regular	270	754	10.8	89	7.6	155	6.7
Jan									
08...	1430	Surface water, regular	297	758	10.4	88	6.5	134	7.8
25...	1345	Surface water, regular	346	762	11.8	93	6.1	132	5.2
Feb									
04...	1300	Surface water, regular	492	755	10.6	93	7.1	139	9.2
25...	1215	Surface water, regular	1,080	761	9.3	82	6.0	109	9.5
Mar									
05...	1420	Surface water, regular	626	748	8.8	88	6.3	114	14.4
24...	1345	Surface water, regular	722	758	8.0	79	6.8	102	14.3
24...	*1346*	*QC - Artificial, blank*	--	--	--	--	--	--	--
24...	*1347*	*QC - Artificial, blank*	--	--	--	--	--	--	--
Apr									
07...	1330	Surface water, regular	1,670	767	6.5	64	6.7	85	15.3
23...	1200	Surface water, replicate	567	765	6.9	73	6.7	110	18.5
23...	*1201*	*QC - Surface water, replicate*	--	--	--	--	--	--	--
May									
01...	1215	Surface water, regular	962	767	6.6	70	6.9	91	18.4
15...	1030	Surface water, regular	299	750	6.7	74	7.0	104	19.3
15...	*1031*	*QC - Surface water, spike*	--	--	--	--	--	--	--
Jun									
04...	1220	Surface water, regular	167	755	5.7	70	7.5	108	25.4
04...	*1221*	*QC - Artificial, blank*	--	--	--	--	--	--	--
16...	1100	Surface water, regular	95	759	5.1	65	7.4	122	27.4
19...	1220	Plant tissue, regular	102	--	5.9	--	7.7	148	26.5
Jul									
01...	1310	Surface water, regular	26	760	5.8	75	6.8	142	28.6
16...	1100	Surface water, regular	100	760	5.7	71	6.4	119	26.7
Aug									
07...	1000	Surface water, regular	28	759	6.2	82	6.7	137	29.5
18...	1100	Surface water, regular	40	760	5.8	71	6.5	170	25.4

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 2 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Alkalinity, wat flt inf tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt infl pt titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L (00660)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L as P (00665)	Biomass periphyton, ashfree drymass g/m2 (49954)	Periphyton biomass ash weight, g/m2 (00572)
Oct													
12...	25	31	21.1	19.3	.059	.68	.006	1.09	.326	.106	.193	--	--
26...	23	28	18.6	18.2	.056	.62	.003	1.05	.105	.034	.139	--	--
26...	*23*	*28*	*18.6*	*18.2*	*.054*	*.68*	*.004*	*1.07*	*.077*	*.025*	*.136*	--	--
Nov													
05...	15	19	15.5	19.4	.050	.83	.005	1.44	.190	.062	.188	--	--
16...	16	19	17.3	18.5	.023	1.24	.003	1.69	.059	.019	.142	--	--
Dec													
14...	30	37	24.1	22.9	E.016	1.08	.004	1.50	.176	.057	.133	--	--
21...	18	22	17.6	19.8	<.020	.76	.009	1.54	.184	.060	.214	--	--
Jan													
08...	25	31	15.8	21.9	.076	.80	.007	1.36	.101	.033	.092	--	--
25...	28	34	15.9	19.7	.045	.74	.005	1.28	.101	.033	.087	--	--
Feb													
04...	29	36	17.3	19.1	.024	.66	.006	1.20	.096	.031	.092	--	--
25...	20	25	13.6	14.5	.041	.75	.005	1.27	.074	.024	.091	--	--
Mar													
05...	21	25	14.3	16.8	.084	.79	.010	1.48	.098	.032	.181	--	--
24...	24	29	13.2	11.2	.054	.56	.005	1.30	.120	.039	.114	--	--
24...	--	--	--	--	*E.013*	*<.04*	*<.002*	*<.06*	--	*<.006*	*.011*	--	--
24...	--	--	*<.12*	*<.18*	*<.020*	*<.04*	*<.002*	*<.06*	--	*<.006*	*E.004*	--	--
Apr													
07...	11	14	10.9	8.48	.081	.63	.009	1.55	.185	.060	.191	--	--
23...	11	14	13.5	9.31	.073	.63	.011	1.35	.234	.076	.151	--	--
23...	--	--	--	--	*.072*	*.65*	*.011*	*1.36*	*.234*	*.076*	*.144*	--	--
May													
01...	12	15	11.2	7.01	.073	.45	.011	1.31	.289	.094	.177	--	--
15...	15	18	12.4	8.63	.059	.70	.011	1.34	.335	.109	.180	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
04...	16	19	12.2	10.0	.057	.78	.008	3.41	.301	.098	.159	--	--
04...	--	--	--	--	*E.011*	*<.04*	*<.002*	*.06*	--	*<.006*	*<.008*	--	--
16...	29	35	14.1	9.82	.064	.58	.007	1.17	.399	.130	.222	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	11.7	114.6
Jul													
01...	26	32	15.9	13.2	.052	.43	.005	.39	.426	.139	.207	--	--
16...	19	23	12.8	10.2	.077	.52	.007	1.18	.497	.162	.236	--	--
Aug													
07...	18	22	15.2	11.5	.044	.47	.005	.93	.491	.160	.233	--	--
18...	20	25	19.8	17.8	.074	.69	.006	1.22	.427	.139	.197	--	--

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 3 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Peri-phyton biomass dry weight, g/m2 (00573)	Biomass chloro-phyll ratio, peri-phyton, number (70950)	Chloro-phyll a peri-phyton, chromo-fluoro, mg/m2 (70957)	Pheo-phytin a, peri-phyton, mg/m2 (62359)	1-Naph-thol, water, fltrd 0.7u GF µg/L (49295)	2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660)	2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618)	ClAT, water, fltrd, µg/L (04040)	2-Ethyl -6-methyl-aniline water, fltrd, µg/L (61620)	3,4-Di-chloro-aniline water, fltrd, µg/L (61625)	3,5-Di-chloro-aniline water, fltrd, µg/L (61627)	4-Chloro-2methyl phenol, water, fltrd, µg/L (61633)	Aceto-chlor, water, fltrd, µg/L (49260)
Oct													
12...	--	--	--	--	<.04	<.006	<.010	E.005	<.010	<.006	<.008	<.005	<.006
26...	--	--	--	--	<.04	<.006	<.010	<.014	<.010	E.004	<.008	<.005	<.006
26...	--	--	--	--	*<.04*	*<.006*	*<.010*	*<.014*	*<.010*	*E.005*	*<.008*	*<.005*	*<.006*
Nov													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	<.04	<.006	<.010	<.014	<.010	<.006	<.008	<.005	<.006
Dec													
14...	--	--	--	--	<.04	<.006	<.010	<.014	<.010	<.006	<.008	<.005	<.006
21...	--	--	--	--	<.04	<.006	<.010	E.007	<.010	<.006	<.008	<.005	<.006
Jan													
08...	--	--	--	--	<.04	<.006	<.010	E.006	<.010	<.006	<.008	<.005	<.006
25...	--	--	--	--	<.04	<.006	<.010	E.008	<.010	E.005	<.008	<.005	<.006
Feb													
04...	--	--	--	--	<.04	<.006	<.010	E.009	<.010	E.005	<.008	<.005	<.006
25...	--	--	--	--	<.04	<.006	<.010	E.009	<.010	<.006	<.008	<.005	<.006
Mar													
05...	--	--	--	--	<.04	<.006	<.010	E.009	<.010	<.006	<.008	<.005	<.006
24...	--	--	--	--	<.04	<.006	<.010	E.009	<.010	<.006	<.008	<.005	<.006
24...	--	--	--	--	*<.04*	*<.006*	*<.010*	*<.014*	*<.010*	*<.006*	*<.008*	*<.005*	*<.006*
24...	--	--	--	--	*<.04*	*<.006*	*<.010*	*<.014*	*<.010*	*<.006*	*<.008*	*<.005*	*<.006*
Apr													
07...	--	--	--	--	<.04	<.006	.011	E.053	<.010	<.006	<.008	<.005	<.006
23...	--	--	--	--	<.04	<.006	<.010	E.012	<.010	<.006	<.008	<.005	<.006
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
01...	--	--	--	--	<.04	<.006	<.010	E.034	<.010	<.006	<.008	<.005	<.006
15...	--	--	--	--	<.04	<.006	<.010	E.014	<.010	E.006	<.008	<.005	<.006
15...	--	--	--	--	*E.08*	*.086*	*.119*	*E.084*	*E.079*	*E.063*	*.080*	*E.070*	*.112*
Jun													
04...	--	--	--	--	<.04	<.006	<.010	E.015	<.010	E.006	<.008	<.005	<.006
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	<.04	<.006	<.010	E.014	<.010	<.007	<.008	<.005	<.006
19...	126.3	1,190	9.8	6.0	--	--	--	--	--	--	--	--	--
Jul													
01...	--	--	--	--	<.04	<.006	<.010	E.015	<.010	E.011	<.008	<.005	<.006
16...	--	--	--	--	<.04	<.006	<.010	E.012	<.010	E.012	<.008	<.005	<.006
Aug													
07...	--	--	--	--	<.04	<.006	<.010	E.007	<.010	E.010	<.008	<.005	<.006
18...	--	--	--	--	<.04	<.006	<.010	E.006	<.010	E.008	<.008	<.005	<.006

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 4 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Alachlor, water, fltrd, µg/L (46342)	alpha-Endosulfan, water, fltrd, µg/L (34362)	Atrazine, water, fltrd, µg/L (39632)	Azinphos-methyl oxon, water, fltrd, µg/L (61635)	Azinphos-methyl, water, fltrd 0.7u GF µg/L (82686)	Benfluralin, water, fltrd 0.7u GF µg/L (82673)	Carbaryl, water, fltrd 0.7u GF µg/L (82680)	Carbofuran, water, fltrd 0.7u GF µg/L (82674)	Chlorpyrifos oxon, water, fltrd, µg/L (61636)	Chlorpyrifos water, fltrd, µg/L (38933)	cis-Permethrin water fltrd 0.7u GF µg/L (82687)	cis-Propiconazole, water, fltrd, µg/L (79846)	Cyanazine, water, fltrd, µg/L (04041)
Oct													
12...	<.006	<.006	.009	<.04	<.120	<.004	<.060	<.020	<.06	<.005	<.010	<.006	<.020
26...	<.006	<.006	E.007	<.04	<.120	<.004	<.060	<.020	<.06	<.005	<.010	<.006	<.020
26...	*<.006*	*<.006*	*E.007*	*<.04*	*<.120*	*<.004*	*<.060*	*<.020*	*<.06*	*<.005*	*<.010*	*<.006*	*<.020*
Nov													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.006	<.006	.008	<.04	<.120	<.004	E.010	<.020	<.06	<.005	<.010	<.006	<.020
Dec													
14...	<.006	<.006	E.006	<.04	<.120	<.004	<.060	<.020	<.06	<.005	<.010	<.006	<.020
21...	.010	<.006	.020	<.04	<.120	<.004	E.017	<.020	<.06	<.013	<.010	<.006	<.020
Jan													
08...	<.006	<.006	.011	<.04	<.120	<.006	<.060	<.020	<.06	<.005	<.010	<.006	<.020
25...	E.006	<.006	.038	<.04	<.120	<.004	<.060	<.020	<.06	<.005	<.010	<.006	<.020
Feb													
04...	<.006	<.006	.031	<.06	<.120	<.004	<.060	<.020	<.06	<.005	<.010	<.006	<.020
25...	<.006	<.006	.060	<.04	<.120	<.004	<.060	<.020	<.06	E.005	<.010	<.006	<.020
Mar													
05...	<.006	<.006	.035	<.04	<.120	<.010	<.060	<.020	<.06	<.005	<.010	<.006	<.020
24...	<.006	<.006	.039	<.04	<.120	<.010	<.060	<.020	<.06	<.005	<.010	<.006	<.020
24...	*<.006*	*<.006*	*<.007*	*<.04*	*<.120*	*<.010*	*<.060*	*<.020*	*<.06*	*<.005*	*<.010*	*<.006*	*<.020*
24...	*<.006*	*<.006*	*<.007*	*<.04*	*<.120*	*<.010*	*<.060*	*<.020*	*<.06*	*<.005*	*<.010*	*<.006*	*<.020*
Apr													
07...	.224	<.006	1.26	<.04	<.120	<.010	E.008	<.020	<.06	E.008	<.010	<.006	<.020
23...	.016	<.006	.091	<.04	<.120	<.010	E.007	<.020	<.06	E.008	<.010	<.006	<.020
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
01...	.023	<.006	.284	<.04	<.120	<.010	E.017	<.020	<.06	.009	<.010	<.006	<.020
15...	.009	<.006	.091	<.04	<.120	<.010	E.005	<.020	<.06	<.005	<.010	<.006	<.020
15...	*.118*	*.099*	*.189*	*E.13*	*E.137*	*.074*	*E.162*	*E.144*	*E.10*	*.101*	*.059*	*E.037*	*.116*
Jun													
04...	.008	<.006	.079	<.04	<.120	<.010	E.010	<.020	<.06	<.005	<.010	<.006	<.020
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.006	<.006	.043	<.06	<.120	<.010	<.060	<.020	<.06	<.005	<.010	<.006	<.020
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
01...	<.006	<.006	.052	<.04	<.120	<.010	E.014	<.020	<.06	<.005	<.010	<.006	<.020
16...	<.006	<.006	.053	<.04	<.120	<.010	E.010	<.020	<.06	<.005	<.010	<.006	<.020
Aug													
07...	<.006	<.006	.025	<.04	<.120	<.010	<.060	<.020	<.06	<.005	<.010	<.006	<.020
18...	<.006	<.006	.012	<.04	<.120	<.010	<.060	<.020	<.06	<.005	<.010	<.006	<.020

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 5 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Cyflu-thrin, water, fltrd, µg/L (61585)	lambda-Cyhalo-thrin, water, fltrd, µg/L (61595)	Cyper-methrin water, fltrd, µg/L (61586)	DCPA, water, fltrd 0.7u GF µg/L (82682)	Desulf-inyl-fipro-nil, water, fltrd, µg/L (62170)	Diazi-non, water, fltrd, µg/L (39572)	Dicro-tophos, water, fltrd, µg/L (38454)	Diel-drin, water, fltrd, µg/L (39381)	Dimeth-oate, water, fltrd 0.7u GF µg/L (82662)	Disulf-oton sulfone water, fltrd, µg/L (61640)	Disul-foton, water, fltrd 0.7u GF µg/L (82677)	Endo-sulfan sulfate water, fltrd, µg/L (61590)	EPTC, water, fltrd 0.7u GF µg/L (82668)
Oct													
12...	<.016	<.004	<.014	<.003	E.004	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
26...	<.016	<.004	<.014	<.003	E.005	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
26...	*<.016*	*<.004*	*<.014*	*<.003*	*E.005*	*<.005*	*<.08*	*<.009*	*<.006*	*<.01*	*<.04*	*<.022*	*<.002*
Nov													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.016	<.004	<.014	<.003	E.005	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
Dec													
14...	<.016	<.004	<.014	<.003	E.005	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
21...	<.016	<.004	<.014	<.003	E.006	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
Jan													
08...	<.016	<.004	<.014	<.003	E.005	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
25...	<.016	<.004	<.014	<.003	E.005	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
Feb													
04...	<.016	<.004	<.014	<.003	E.009	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
25...	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
Mar													
05...	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
24...	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
24...	*<.016*	*<.004*	*<.014*	*<.003*	*<.012*	*<.005*	*<.08*	*<.009*	*<.006*	*<.01*	*<.04*	*<.022*	*<.002*
24...	*<.016*	*<.004*	*<.014*	*<.003*	*<.012*	*<.005*	*<.08*	*<.009*	*<.006*	*<.01*	*<.04*	*<.022*	*<.002*
Apr													
07...	<.016	<.004	<.014	<.003	E.006	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
23...	<.016	<.004	<.014	<.003	E.006	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
01...	<.016	<.004	<.014	<.003	E.006	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
15...	<.016	<.004	<.014	<.003	E.003	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
15...	*E.073*	*E.052*	*E.062*	*.099*	*.113*	*.087*	*E.05*	*.109*	*E.051*	*.13*	*E.09*	*.112*	*.091*
Jun													
04...	<.016	<.004	<.014	<.003	E.005	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.016	<.004	<.014	<.003	E.006	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
01...	<.016	<.004	<.014	<.003	E.004	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
16...	<.016	<.004	<.014	<.003	E.004	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
Aug													
07...	<.016	<.004	<.014	<.003	E.006	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002
18...	<.016	<.004	<.014	<.003	E.003	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 6 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Ethion monoxon water, fltrd, µg/L (61644)	Ethion, water, fltrd, µg/L (82346)	Ethoprop, water, fltrd 0.7u GF µg/L (82672)	Fenamiphos sulfone water, fltrd, µg/L (61645)	Fenamiphos sulfoxide, water, fltrd, µg/L (61646)	Fenamiphos, water, fltrd, µg/L (61591)	Desulfinylfipronil amide, wat flt µg/L (62169)	Fipronil sulfide water, fltrd, µg/L (62167)	Fipronil sulfone water, fltrd, µg/L (62168)	Fipronil, water, fltrd, µg/L (62166)	Fonofos water, fltrd, µg/L (04095)	Hexazinone, water, fltrd, µg/L (04025)	Iprodione, water, fltrd, µg/L (61593)
Oct													
12...	<.02	<.006	<.012	<.053	<.04	<.03	<.029	E.005	E.006	E.007	<.010	<.008	<.01
26...	<.02	<.006	<.012	<.053	<.04	<.03	<.029	E.007	E.007	E.007	<.010	<.008	<.01
26...	*<.02*	*<.006*	*<.012*	*<.053*	*<.04*	*<.03*	*<.029*	*E.007*	*<.024*	*E.007*	*<.010*	*<.008*	*<.01*
Nov													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.02	<.006	<.012	<.053	<.04	<.03	<.029	E.007	E.007	E.008	<.010	<.008	<.01
Dec													
14...	<.02	<.006	<.012	<.053	<.04	<.03	<.029	E.007	<.024	E.007	<.010	<.008	<.01
21...	<.02	<.006	<.012	<.053	<.06	<.03	E.007	E.008	E.008	E.015	<.010	<.008	<.01
Jan													
08...	<.02	<.006	<.012	<.053	<.04	<.03	<.029	E.007	<.024	E.008	<.010	<.008	<.01
25...	<.02	<.006	<.012	<.053	<.04	<.03	<.029	E.007	E.008	E.009	<.010	<.008	<.01
Feb													
04...	<.02	<.006	<.012	<.053	<.04	<.03	E.005	E.010	<.024	E.012	<.010	<.008	<.01
25...	<.02	<.006	<.012	<.053	<.04	<.03	<.029	<.013	<.024	E.005	<.010	<.008	<.01
Mar													
05...	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024	E.011	<.010	<.008	<.01
24...	<.02	<.006	<.012	<.053	<.20	<.03	<.029	E.007	<.024	E.008	<.010	<.008	<.01
24...	*<.02*	*<.006*	*<.012*	*<.053*	*<.20*	*<.03*	*<.029*	*<.013*	*<.024*	*<.020*	*<.010*	*<.008*	*<.01*
24...	*<.02*	*<.006*	*<.012*	*<.053*	*<.20*	*<.03*	*<.029*	*<.013*	*<.024*	*<.020*	*<.010*	*<.008*	*<.01*
Apr													
07...	<.02	<.006	<.012	<.053	<.20	<.03	<.029	E.007	<.024	E.008	<.010	<.008	M
23...	<.02	<.006	<.012	<.053	<.20	<.03	E.005	E.007	<.024	E.008	<.010	<.008	<.01
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
01...	<.02	<.006	<.012	<.053	<.20	<.03	<.029	E.007	E.007	E.010	<.010	<.008	<.01
15...	<.02	<.006	<.012	<.053	<.20	<.03	<.029	E.003	<.024	E.005	<.010	<.008	<.01
15...	*E.13*	*.108*	*.178*	*E.129*	*E.02*	*.13*	*E.151*	*.117*	*.112*	*E.118*	*.090*	*.093*	*M*
Jun													
04...	<.02	<.006	<.012	<.053	<.20	<.03	<.029	E.006	E.006	E.008	<.010	<.008	<.01
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.02	<.006	<.012	<.053	<.20	<.03	E.008	E.008	<.024	<.020	<.010	<.008	<.01
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
01...	<.02	<.006	<.012	<.053	<.20	<.03	<.029	E.006	E.006	E.006	<.010	<.008	<.01
16...	<.02	<.006	<.012	<.053	<.20	<.03	E.003	E.004	E.004	E.007	<.010	<.008	<.01
Aug													
07...	<.02	<.006	<.012	<.053	<.20	<.03	E.008	E.008	<.024	E.007	<.010	<.008	<.01
18...	<.02	<.006	<.012	<.053	<.20	<.03	<.029	E.004	<.024	E.004	<.010	<.008	<.01

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 7 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Isofenphos, water, fltrd, µg/L (61594)	Malaoxon, water, fltrd, µg/L (61652)	Malathion, water, fltrd, µg/L (39532)	Metalaxyl, water, fltrd, µg/L (61596)	Methidathion, water, fltrd, µg/L (61598)	Methyl paraoxon, water, fltrd, µg/L (61664)	Methyl parathion, water, fltrd 0.7u GF µg/L (82667)	Metolachlor, water, fltrd, µg/L (39415)	Metribuzin, water, fltrd, µg/L (82630)	Molinate, water, fltrd 0.7u GF µg/L (82671)	Myclobutanil water, fltrd, µg/L (61599)	Oxyfluorfen, water, fltrd, µg/L (61600)	Pendimethalin, water, fltrd 0.7u GF µg/L (82683)
Oct													
12...	<.006	<.020	<.016	.009	<.004	<.01	<.008	.013	<.012	<.016	<.010	<.006	<.012
26...	<.006	<.020	<.016	.007	<.004	<.01	<.008	.013	<.012	<.003	<.010	<.006	<.012
26...	*<.006*	*<.020*	*<.016*	*.007*	*<.004*	*<.01*	*<.008*	*.013*	*<.012*	*<.003*	*<.010*	*<.006*	*<.012*
Nov													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.006	<.020	<.016	.014	<.004	<.01	<.008	.015	<.012	<.003	<.010	<.006	<.012
Dec													
14...	<.006	<.020	<.016	.011	<.004	<.01	<.008	.011	<.012	<.003	<.010	<.006	<.012
21...	<.006	<.020	<.016	.020	<.004	<.01	<.008	.028	<.012	<.003	<.010	<.006	<.012
Jan													
08...	<.006	<.020	<.016	E.007	<.004	<.01	<.008	.017	<.012	<.003	<.010	<.006	<.012
25...	<.006	<.020	<.016	.015	<.004	<.01	<.008	.017	<.012	<.003	<.010	<.006	<.012
Feb													
04...	<.006	<.020	<.016	<.007	<.004	<.01	<.008	.017	<.012	<.003	<.010	<.006	<.012
25...	<.006	<.020	<.016	<.009	<.004	<.01	<.008	.020	E.007	<.003	<.010	<.006	<.012
Mar													
05...	<.006	<.020	<.016	.009	<.004	<.01	<.008	.042	<.012	<.003	<.010	<.006	<.012
24...	<.006	<.020	<.016	<.007	<.004	<.01	<.008	.022	<.012	<.003	<.010	<.006	<.012
24...	*<.006*	*<.020*	*<.016*	*<.007*	*<.004*	*<.01*	*<.008*	*<.010*	*<.012*	*<.003*	*<.010*	*<.006*	*<.012*
24...	*<.006*	*<.020*	*<.016*	*<.007*	*<.004*	*<.01*	*<.008*	*<.010*	*<.012*	*<.003*	*<.010*	*<.006*	*<.012*
Apr													
07...	<.006	<.020	<.016	<.009	<.004	<.01	<.008	.409	<.012	<.003	<.010	<.006	<.012
23...	<.006	<.020	<.016	.009	<.004	<.01	<.008	.049	<.012	<.003	<.010	<.006	<.012
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
01...	<.006	<.020	<.016	.013	<.004	<.01	<.008	.089	<.012	<.003	<.010	<.006	<.012
15...	<.006	<.020	<.016	.007	<.004	<.01	<.008	E.050	<.012	<.003	<.010	<.006	<.012
15...	*.116*	*.145*	*.116*	*.111*	*.125*	*E.09*	*.124*	*.155*	*.100*	*.105*	*.124*	*.098*	*.114*
Jun													
04...	<.006	<.020	<.016	.025	<.004	<.01	<.008	.133	<.012	<.003	<.010	<.006	<.012
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.006	<.020	<.016	<.010	<.004	<.01	<.008	.142	<.012	<.003	<.010	<.006	<.012
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
01...	<.006	<.020	<.016	.026	<.004	<.01	<.008	.123	<.012	<.003	.011	<.006	<.012
16...	<.006	<.020	<.016	E.012	<.004	<.01	<.008	.253	<.012	<.003	<.010	<.006	<.012
Aug													
07...	<.009	<.020	<.016	<.007	<.004	<.01	<.008	.063	<.012	<.003	<.010	<.006	<.012
18...	<.006	<.020	<.016	<.010	<.004	<.01	<.008	.033	<.012	<.003	<.010	<.006	<.012

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 8 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Phorate oxon, water, fltrd, µg/L (61666)	Phorate water, fltrd 0.7u GF µg/L (82664)	Phosmet oxon, water, fltrd, µg/L (61668)	Phosmet water, fltrd, µg/L (61601)	Prometon, water, fltrd, µg/L (04037)	Prometryn, water, fltrd, µg/L (04036)	Propyzamide, water, fltrd 0.7u GF µg/L (82676)	Propanil, water, fltrd 0.7u GF µg/L (82679)	Propargite, water, fltrd 0.7u GF µg/L (82685)	Simazine, water, fltrd, µg/L (04035)	Tebuthiuron water, fltrd 0.7u GF µg/L (82670)	Tefluthrin, water, fltrd, µg/L (61606)	Terbufos oxon sulfone water, fltrd, µg/L (61674)
Oct													
12...	<.03	<.040	<.05	<.008	.02	.009	<.004	<.006	<.04	.017	E.01	<.003	<.04
26...	<.03	<.040	<.05	<.008	.02	.010	<.004	<.006	<.04	.016	.02	<.003	<.04
26...	*<.03*	*<.040*	*<.05*	*<.008*	*.02*	*.010*	*<.004*	*<.006*	*<.04*	*.016*	*.02*	*<.003*	*<.04*
Nov													
05...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.03	<.040	<.05	<.008	.01	.009	<.004	<.006	<.04	.013	.02	<.003	<.04
Dec													
14...	<.03	<.040	<.05	<.008	E.01	.008	<.004	<.006	<.04	.014	<.02	<.005	<.04
21...	<.03	<.040	--	<.008	.03	.007	<.004	<.006	<.04	.173	<.02	<.003	<.04
Jan													
08...	<.03	<.040	<.05	<.008	.04	.007	<.004	<.006	<.04	.071	<.02	<.003	<.04
25...	<.03	<.040	<.05	<.008	.02	.007	<.004	<.006	<.04	.097	.02	<.003	<.04
Feb													
04...	<.03	<.040	<.05	<.008	.01	.009	<.004	<.006	<.04	.038	<.02	<.003	<.04
25...	<.03	<.040	<.05	<.008	E.01	.007	<.004	<.006	<.04	.228	<.02	<.003	<.04
Mar													
05...	<.03	<.040	<.05	<.008	E.01	.009	<.004	<.006	<.04	.140	<.02	<.003	<.04
24...	<.03	<.040	<.05	<.008	.01	<.007	<.004	<.006	<.04	.098	<.02	<.003	<.04
24...	*<.03*	*<.040*	*<.05*	*<.008*	*<.01*	*<.006*	*<.004*	*<.006*	*<.04*	*<.006*	*<.02*	*<.003*	*<.04*
24...	*<.03*	*<.040*	*<.05*	*<.008*	*<.01*	*<.006*	*<.004*	*<.006*	*<.04*	*<.006*	*<.02*	*<.003*	*<.04*
Apr													
07...	<.03	<.040	<.05	<.008	.01	.009	<.004	<.006	<.04	.082	<.02	<.003	<.04
23...	<.03	<.040	--	<.008	.01	<.008	<.004	<.006	<.04	.055	<.02	<.003	<.04
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
01...	<.03	<.040	<.05	<.008	.04	<.008	<.004	<.006	<.04	.104	<.02	<.003	<.04
15...	<.03	<.040	<.05	<.008	.01	E.005	<.004	<.006	<.04	.055	<.02	<.003	<.04
15...	*E.13*	*.077*	*E.06*	*E.053*	*.10*	*.107*	*.084*	*.128*	*.17*	*.159*	*.14*	*E.061*	*.15*
Jun													
04...	<.03	<.040	<.05	<.008	.05	<.008	<.004	<.006	<.04	.049	.02	<.003	<.04
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.03	<.040	<.05	<.008	.02	.009	<.004	<.006	<.04	.026	E.01	<.003	<.04
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
01...	<.03	<.040	<.05	<.008	.10	.009	<.004	<.006	<.04	.070	.05	<.003	<.04
16...	<.03	<.040	<.05	<.008	.04	.015	<.004	<.006	<.04	.043	<.02	<.003	<.04
Aug													
07...	<.03	<.040	<.06	<.008	.02	.013	<.004	<.006	<.04	.015	<.02	<.003	<.04
18...	<.03	<.040	<.05	<.008	.02	.009	<.004	<.006	<.04	.011	E.01	<.003	<.04

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 9 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Terbufos, water, fltrd 0.7u GF µg/L (82675)	Terbuthylazine, water, fltrd, µg/L (04022)	Thiobencarb water, fltrd 0.7u GF µg/L (82681)	trans-Propiconazole, water, fltrd, µg/L (79847)	Tribuphos, water, fltrd, µg/L (61610)	Trifluralin, water, fltrd 0.7u GF µg/L (82661)	Dichlorvos, water, fltrd, µg/L (38775)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)	Data base number	Medium code
Oct												
12...	<.02	<.01	<.010	<.02	<.035	<.006	<.01	66	28	3.4	01	WS
26...	<.02	<.01	<.010	<.02	<.035	<.006	<.01	78	3	.61	01	WS
26...	*<.02*	*<.01*	*<.010*	*<.02*	*<.035*	*<.006*	*<.01*	*81*	*6*	--	*04*	*WSQ*
Nov												
05...	--	--	--	--	--	--	--	91	12	2.6	01	WS
16...	<.02	<.01	<.010	<.02	<.035	<.006	<.01	95	6	.86	01	WS
Dec												
14...	<.02	<.01	<.010	<.02	<.035	<.006	<.01	92	8	1.3	01	WS
21...	<.02	<.01	<.010	<.02	<.035	<.006	<.01	85	17	12	01	WS
Jan												
08...	<.02	<.01	<.010	<.02	<.035	<.006	<.01	96	8	6.4	01	WS
25...	<.02	<.01	<.010	<.02	<.035	<.006	<.01	92	10	9.3	01	WS
Feb												
04...	<.02	<.01	<.010	<.02	<.035	E.005	<.01	--	--	--	01	WS
25...	<.02	<.01	<.010	<.02	<.035	<.006	<.01	97	9	26	01	WS
Mar												
05...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	94	31	52	01	WS
24...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	89	7	14	01	WS
24...	*<.02*	*<.01*	*<.010*	*<.02*	*<.035*	*<.009*	*<.01*	--	--	--	*04*	*OAQ*
24...	*<.02*	*<.01*	*<.010*	*<.02*	*<.035*	*<.009*	*<.01*	*.0*	*<.5*	--	*04*	*OAQ*
Apr												
07...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	88	28	126	01	WS
23...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	90	9	14	01	WS
23...	--	--	--	--	--	--	--	--	--	--	*04*	*WSQ*
May												
01...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	84	17	44	01	WS
15...	<.02	<.01	<.010	<.02	E.017	<.009	<.01	97	8	6.5	01	WS
15...	*.08*	*.10*	*.115*	*E.10*	*E.124*	*.080*	*E.04*	--	--	--	*04*	*WSQ*
Jun												
04...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	83	9	4.1	01	WS
04...	--	--	--	--	--	--	--	--	--	--	*04*	*OAQ*
16...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	83	8	2.1	01	WS
19...	--	--	--	--	--	--	--	--	--	--	01	BP
Jul												
01...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	89	8	.56	01	WS
16...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	71	5	1.4	01	WS
Aug												
07...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	76	8	.60	01	WS
18...	<.02	<.01	<.010	<.02	<.035	<.009	<.01	84	6	.65	01	WS

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 10 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Time	Sample medium and type	Instantaneous discharge, cfs (00061)	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 unf µS/cm 25 degC (00095)	Temperature, water, deg C (00010)
Sep									
04...	1045	Surface water, regular	47	760	5.3	65	6.4	220	25.5
22...	1115	Surface water, regular	123	757	6.5	74	6.6	150	21.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 11 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Alkalinity, wat flt inf tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt infl pt titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L (00660)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L as P (00665)	1-Naphthol, water, fltrd 0.7u GF µg/L (49295)	2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660)
Sep													
04...	27	33	24.8	24.7	.093	.50	.010	1.12	.563	.184	.247	<.04	<.006
22...	19	23	16.5	15.0	.074	.71	.011	1.45	.436	.142	.294	<.04	<.006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 12 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	2Chloro-2',6'-diethyl acetanilide wat flt µg/L (61618)	ClAT, water, fltrd, µg/L (04040)	2-Ethyl-6-methylaniline water, fltrd, µg/L (61620)	3,4-Dichloroaniline water, fltrd, µg/L (61625)	3,5-Dichloroaniline water, fltrd, µg/L (61627)	4-Chloro-2methyl phenol, water, fltrd, µg/L (61633)	Acetochlor, water, fltrd, µg/L (49260)	Alachlor, water, fltrd, µg/L (46342)	alpha-Endosulfan, water, fltrd, µg/L (34362)	Atrazine, water, fltrd, µg/L (39632)	Azinphosmethyl oxon, water, fltrd, µg/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686)	Benfluralin, water, fltrd 0.7u GF µg/L (82673)
Sep													
04...	<.010	E.008	<.010	E.013	<.008	<.005	<.006	<.006	<.006	.016	<.04	<.120	<.010
22...	<.010	E.007	<.010	E.008	<.008	<.005	<.006	<.006	<.006	.015	<.04	<.120	<.010

02091500 CONTENTNEA CREEK AT HOOKERTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 13 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Carbaryl, water, fltrd 0.7u GF µg/L (82680)	Carbofuran, water, fltrd 0.7u GF µg/L (82674)	Chlorpyrifos oxon, water, fltrd, µg/L (61636)	Chlorpyrifos water, fltrd, µg/L (38933)	cis-Permethrin water fltrd 0.7u GF µg/L (82687)	cis-Propiconazole, water, fltrd, µg/L (79846)	Cyanazine, water, fltrd, µg/L (04041)	Cyfluthrin, water, fltrd, µg/L (61585)	lambda-Cyhalothrin, water, fltrd, µg/L (61595)	Cypermethrin water, fltrd, µg/L (61586)	DCPA, water, fltrd 0.7u GF µg/L (82682)	Desulfinylfipronil, water, fltrd, µg/L (62170)	Diazinon, water, fltrd, µg/L (39572)
Sep													
04...	E.011	<.020	<.06	<.005	<.010	<.006	<.020	<.020	<.004	<.020	<.003	E.005	<.005
22...	E.029	<.020	<.06	<.005	<.010	<.006	<.020	<.016	<.004	<.014	<.003	E.005	<.005

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 14 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Dicrotophos, water, fltrd, µg/L (38454)	Dieldrin, water, fltrd, µg/L (39381)	Dimethoate, water, fltrd 0.7u GF µg/L (82662)	Disulfoton sulfone water, fltrd, µg/L (61640)	Disulfoton, water, fltrd 0.7u GF µg/L (82677)	Endosulfan sulfate water, fltrd, µg/L (61590)	EPTC, water, fltrd 0.7u GF µg/L (82668)	Ethion monoxon water, fltrd, µg/L (61644)	Ethion, water, fltrd, µg/L (82346)	Ethoprop, water, fltrd 0.7u GF µg/L (82672)	Fenamiphos sulfone water, fltrd, µg/L (61645)	Fenamiphos sulfoxide, water, fltrd, µg/L (61646)	Fenamiphos, water, fltrd, µg/L (61591)
Sep													
04...	<.08	<.009	<.006	<.01	<.04	<.022	<.002	<.02	<.006	<.012	<.053	<.20	<.03
22...	<.08	<.009	<.006	<.01	<.04	<.022	<.002	<.02	<.006	<.012	<.053	<.20	<.03

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 15 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Desulfinylfipronil amide, wat flt µg/L (62169)	Fipronil sulfide water, fltrd, µg/L (62167)	Fipronil sulfone water, fltrd, µg/L (62168)	Fipronil, water, fltrd, µg/L (62166)	Fonofos water, fltrd, µg/L (04095)	Hexazinone, water, fltrd, µg/L (04025)	Iprodione, water, fltrd, µg/L (61593)	Isofenphos, water, fltrd, µg/L (61594)	Malaoxon, water, fltrd, µg/L (61652)	Malathion, water, fltrd, µg/L (39532)	Metalaxyl, water, fltrd, µg/L (61596)	Methidathion, water, fltrd, µg/L (61598)	Methyl paraoxon, water, fltrd, µg/L (61664)
Sep													
04...	<.029	E.005	<.024	E.006	<.010	<.008	<.01	<.006	<.020	<.016	<.010	<.004	<.01
22...	<.029	E.006	<.024	E.006	<.010	<.008	<.01	<.006	<.020	<.016	.010	<.004	<.01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 16 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Methyl parathion, water, fltrd 0.7u GF µg/L (82667)	Metolachlor, water, fltrd, µg/L (39415)	Metribuzin, water, fltrd, µg/L (82630)	Molinate, water, fltrd 0.7u GF µg/L (82671)	Myclobutanil water, fltrd, µg/L (61599)	Oxyfluorfen, water, fltrd, µg/L (61600)	Pendimethalin, water, fltrd 0.7u GF µg/L (82683)	Phorate oxon, water, fltrd, µg/L (61666)	Phorate water, fltrd 0.7u GF µg/L (82664)	Phosmet oxon, water, fltrd, µg/L (61668)	Phosmet water, fltrd, µg/L (61601)	Prometon, water, fltrd, µg/L (04037)	Prometryn, water, fltrd, µg/L (04036)
Sep													
04...	<.008	.033	<.012	<.003	<.010	<.006	<.012	<.03	<.040	<.05	<.008	.04	.009
22...	<.008	.029	<.012	<.003	<.010	<.006	<.012	<.03	<.040	--	<.008	.02	.008

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 17 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Propyzamide, water, fltrd 0.7u GF µg/L (82676)	Propanil, water, fltrd 0.7u GF µg/L (82679)	Propargite, water, fltrd 0.7u GF µg/L (82685)	Simazine, water, fltrd, µg/L (04035)	Tebuthiuron water, fltrd 0.7u GF µg/L (82670)	Tefluthrin, water, fltrd, µg/L (61606)	Terbufos oxon sulfone water, fltrd, µg/L (61674)	Terbufos, water, fltrd 0.7u GF µg/L (82675)	Terbuthylazine, water, fltrd, µg/L (04022)	Thiobencarb water, fltrd 0.7u GF µg/L (82681)	trans-Propiconazole, water, fltrd, µg/L (79847)	Tribuphos, water, fltrd, µg/L (61610)	Trifluralin, water, fltrd 0.7u GF µg/L (82661)
Sep													
04...	<.004	<.006	<.04	.013	.02	<.005	<.04	<.02	<.01	<.010	<.02	<.035	<.009
22...	<.004	<.006	<.04	.019	<.02	<.003	<.04	<.02	<.01	<.010	<.02	<.035	<.009

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 18 of 18
[QC, quality control sample. Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

Date	Dichlorvos, water, fltrd, µg/L (38775)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)	Data base number	Medium code
Sep						
04...	<.01	75	7	.89	01	WS
22...	<.01	86	20	6.6	01	WS