

Water-Data Report 2010

02089500 NEUSE RIVER AT KINSTON, NC

Neuse Basin
Middle Neuse Subbasin

LOCATION.--Lat 35°15'28", long 77°35'08" referenced to North American Datum of 1983, Lenoir County, NC, Hydrologic Unit 03020202, on left bank at Kinston, 600 ft downstream of bridge on North Carolina Highway 11, and 90 mi upstream from mouth.

DRAINAGE AREA.--2,692 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--February 1930 to current year.

GAGE.--Water-stage recorder. Datum of gage is 10.90 ft above NGVD of 1929. Prior to November 25, 1934, nonrecording gage at North Carolina Highway 11 bridge 1 mi downstream at datum of 10.10 ft. National Weather Service telephone telemetry at station. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Falls Lake (station 02087182). Prior to regulation, maximum discharge: 26,000 ft³/s, October 13, 1964; gage height: 22.86 ft, at site and datum then in use; minimum discharge: 124 ft³/s, September 26, 1932, at site and datum then in use.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in July 1919 reached a stage of 25.0 ft, at present site and datum; discharge, about 39,000 ft³/s, from information provided by North Carolina State Highway Commission. Flood in October 1924 reached a stage of 24.7 ft, at present site and datum; discharge, 36,000 ft³/s, from information provided by North Carolina State Highway Commission. Flood of September 25-26, 1928, reached a stage of 24.2 ft, at present site and datum; discharge, 34,000 ft³/s.

02089500 NEUSE RIVER AT KINSTON, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	996	460	3,480	6,040	8,820	5,990	5,240	1,000	3,790	667	581	1,650
2	886	463	3,450	6,180	8,330	5,930	6,100	938	4,230	589	804	1,130
3	805	454	3,790	6,220	7,670	6,230	6,770	880	4,510	560	873	838
4	689	447	4,130	6,200	6,880	6,560	7,870	839	4,640	565	723	704
5	599	583	4,440	6,150	6,460	6,900	8,520	812	4,650	521	671	621
6	547	623	4,880	6,040	7,490	7,110	8,200	752	4,580	471	719	564
7	521	574	5,340	5,870	8,520	7,150	6,230	737	4,490	453	694	529
8	492	519	5,650	5,670	9,220	6,910	4,760	734	4,410	443	1,010	491
9	472	469	6,260	5,310	9,640	5,830	3,930	692	4,330	430	1,610	448
10	471	503	6,900	4,140	10,200	4,700	3,260	647	4,160	470	1,370	421
11	459	897	7,350	3,220	10,700	3,800	2,920	619	3,210	514	1,010	406
12	458	2,340	7,450	2,870	11,300	3,500	2,930	597	1,840	544	789	401
13	456	3,620	7,390	2,630	11,800	3,390	2,770	561	1,250	538	650	390
14	456	4,400	7,410	2,470	11,900	3,490	2,430	546	1,020	687	564	385
15	465	4,820	7,520	2,210	11,400	3,850	2,200	538	907	617	506	381
16	512	5,360	7,660	2,030	10,400	4,330	2,010	531	1,050	524	525	380
17	539	5,770	7,660	2,060	9,160	4,710	1,850	560	1,420	461	490	373
18	552	6,050	7,450	2,650	8,020	4,730	1,740	677	1,330	445	437	358
19	546	6,290	7,240	3,330	7,220	4,060	1,660	852	976	508	426	336
20	504	5,920	6,830	4,210	6,720	3,370	1,550	2,040	907	499	500	319
21	481	5,310	6,440	4,970	6,450	3,040	1,440	3,180	902	652	488	315
22	468	4,800	6,170	5,540	6,290	3,020	1,420	3,480	780	657	532	314
23	454	4,070	5,920	6,040	6,190	3,500	1,420	3,100	700	566	853	315
24	452	3,320	5,520	6,320	6,080	3,950	1,370	2,460	645	544	991	313
25	433	2,950	5,140	7,110	6,030	4,250	1,360	2,480	611	585	910	306
26	420	2,890	5,250	8,100	6,040	4,370	1,310	3,060	577	519	1,330	324
27	421	2,920	5,410	8,800	6,060	3,490	1,230	3,600	582	452	2,460	673
28	440	2,940	5,530	9,120	6,050	2,550	1,220	3,930	582	511	2,930	1,620
29	426	3,210	5,590	9,160	---	2,400	1,220	3,520	556	583	3,250	3,200
30	402	3,440	5,660	9,200	---	3,370	1,100	3,000	582	506	3,410	5,320
31	409	---	5,850	9,130	---	4,400	---	3,230	---	496	2,630	---
Total	16,231	86,412	184,760	168,990	231,040	140,880	96,030	50,592	64,217	16,577	34,736	23,825
Mean	524	2,880	5,960	5,451	8,251	4,545	3,201	1,632	2,141	535	1,121	794
Max	996	6,290	7,660	9,200	11,900	7,150	8,520	3,930	4,650	687	3,410	5,320
Min	402	447	3,450	2,030	6,030	2,400	1,100	531	556	430	426	306

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2010^a, BY WATER YEAR (WY)

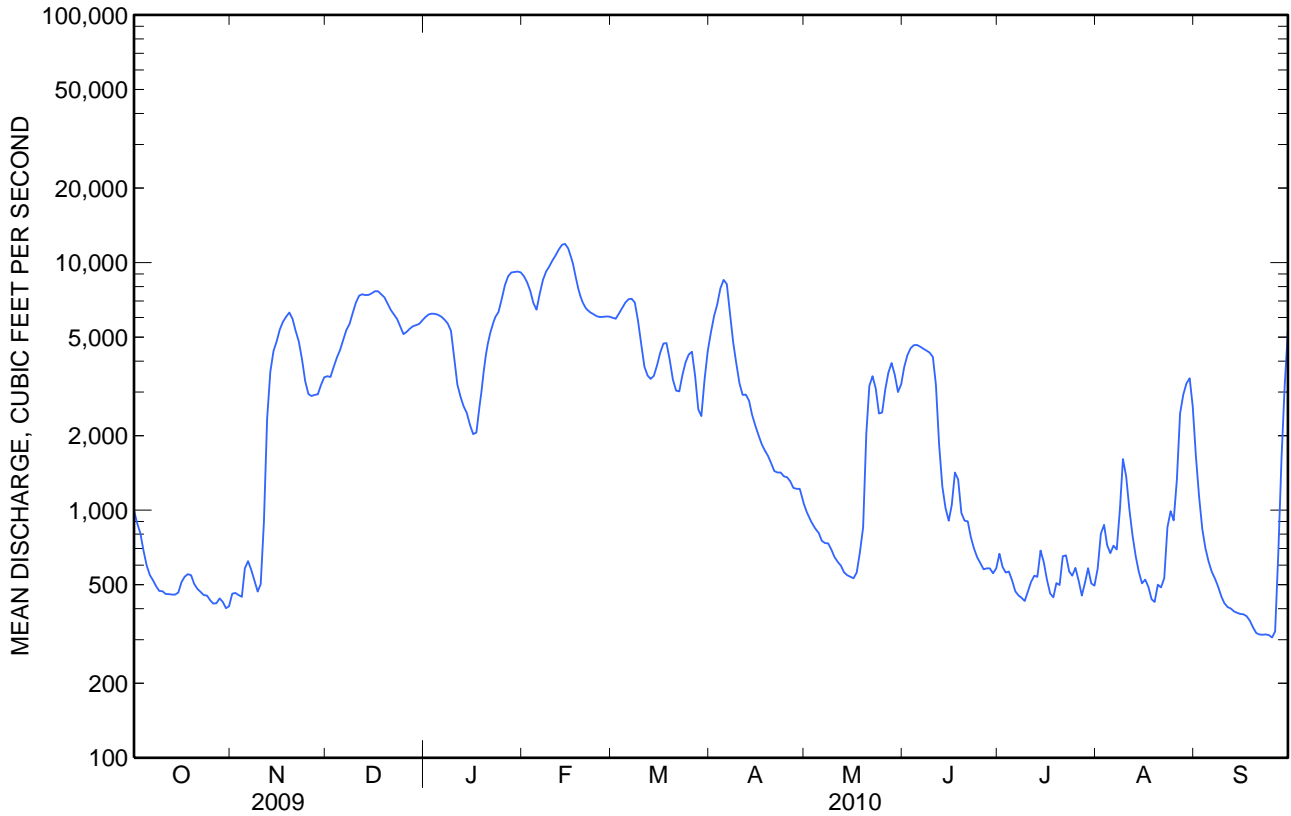
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,779	1,859	2,647	3,545	4,262	5,157	4,241	2,183	1,846	1,548	1,742	2,386
Max	14,280	6,168	5,960	7,560	12,600	11,410	9,582	8,773	6,062	5,223	5,565	16,430
(WY)	(2000)	(2007)	(2010)	(1993)	(1998)	(1998)	(1989)	(1989)	(1995)	(1989)	(2003)	(1999)
Min	366	430	760	1,181	1,559	1,245	878	563	400	468	314	357
(WY)	(1984)	(1988)	(1988)	(1986)	(2009)	(2006)	(1986)	(1986)	(2002)	(1987)	(1983)	(1985)

02089500 NEUSE RIVER AT KINSTON, NC—Continued

SUMMARY STATISTICS

	Calendar Year 2009		Water Year 2010		Water Years 1983 - 2010 ^a	
Annual total	891,372		1,114,290			
Annual mean	2,442		3,053		2,715	
Highest annual mean					4,583	2003
Lowest annual mean					1,204	1988
Highest daily mean	7,980	Mar 9	11,900	Feb 14	35,800	Sep 23, 1999
Lowest daily mean	402	Oct 30	306	Sep 25	200	Sep 20, 1985
Annual seven-day minimum	422	Oct 25	315	Sep 20	214	Sep 16, 1985
Maximum peak flow			12,000	Feb 14	36,300	Sep 22, 1999
Maximum peak stage			17.52	Feb 14	27.71	Sep 22, 1999
Instantaneous low flow			303	Sep 25	196	Sep 20, 1985
10 percent exceeds	5,730		7,130		6,650	
50 percent exceeds	1,430		2,060		1,570	
90 percent exceeds	504		455		502	

^a Regulated period only (1983-2010). See Remarks.



02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1950, 1955-56, 1959-67, 1973 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1973 to September 1986, March 2002 to July 2004.

WATER TEMPERATURE: October 1949 to September 1950, January 1955 to September 1956, July 1973 to September 1986, March 2002 to May 2003, January to August 2004.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from March 2002 to August 2004. Water-quality monitor from October 1981 to September 1986.

REMARKS.--Station operated as part of NAWQA (National Water-Quality Assessment) program from March 1993 to current year. Station also operated as part of NASQAN (National Stream Quality Accounting Network) from October 1974 to September 1994. Daily records of specific conductance for January 1955 to September 1956 are available from the USGS Water Science Center, Raleigh, NC.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 248 microsiemens, August 17, 2002; minimum recorded, 43 microsiemens, March 28, 1975 (daily).

WATER TEMPERATURE: Maximum recorded, 36.0°C, July 13, 14, 19, 20, 1986; minimum recorded, 0.0°C, February 7, 1978, January 13, 1981 (daily).

02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 1 of 18

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Discharge, instantaneous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)
10-14-2009	1400	Surface water	Regular	756	13.0	448	8.4	91	6.4
10-14-2009	1410	QC sample - Surface water	Replicate	--	--	--	--	--	--
11-10-2009	1015	Surface water	Regular	766	18.5	448	9.8	97	6.3
11-10-2009	1025	QC sample - Surface water	Replicate	--	--	--	--	--	--
11-27-2009	1200	Surface water	Regular	753	4.8	2,930	9.2	88	6.2
11-27-2009	1210	QC sample - Surface water	Replicate	--	--	--	--	--	--
12-09-2009	1100	Surface water	Replicate	748	19.0	6,380	9.4	86	5.9
12-09-2009	1101	QC sample - Surface water	Replicate	--	--	--	--	--	--
12-09-2009	1110	QC sample - Surface water	Replicate	--	--	--	--	--	--
12-09-2009	1111	QC sample - Surface water	Replicate	--	--	--	--	--	--
01-11-2010	1400	Surface water	Regular	766	5.5	3,340	12.5	92	5.6
01-11-2010	1410	QC sample - Surface water	Replicate	--	--	--	--	--	--
01-25-2010	1400	Surface water	Regular	748	18.0	7,300	--	--	6.5
01-25-2010	1401	QC sample - Artificial	Blank	--	--	--	--	--	--
01-25-2010	1410	QC sample - Surface water	Replicate	--	--	--	--	--	--
01-25-2010	1411	QC sample - Artificial	Blank	--	--	--	--	--	--
02-22-2010	1130	Surface water	Regular	756	18.0	6,270	11.2	93	5.8
02-22-2010	1140	QC sample - Surface water	Replicate	--	--	--	--	--	--
03-10-2010	1330	Surface water	Regular	762	21.0	4,970	10.4	94	6.2
03-10-2010	1340	QC sample - Surface water	Replicate	--	--	--	--	--	--
03-23-2010	1400	Surface water	Regular	756	16.0	3,030	9.1	90	7.1
03-23-2010	1410	QC sample - Surface water	Replicate	--	--	--	--	--	--
04-05-2010	1030	Surface water	Regular	764	23.3	8,560	5.6	60	6.4
04-05-2010	1040	QC sample - Surface water	Replicate	--	--	--	--	--	--
05-05-2010	1100	Surface water	Regular	763	21.0	821	6.9	82	7.2
05-05-2010	1110	QC sample - Surface water	Replicate	--	--	--	--	--	--
05-20-2010	1300	Surface water	Regular	763	25.0	1,970	7.0	82	7.5
05-20-2010	1310	QC sample - Surface water	Replicate	--	--	--	--	--	--
06-30-2010	1300	Surface water	Regular	762	28.0	557	7.8	104	7.6
06-30-2010	1301	QC sample - Surface water	Spike	--	--	--	--	--	--
06-30-2010	1302	QC sample - Surface water	Spike	--	--	--	--	--	--
06-30-2010	1310	QC sample - Surface water	Replicate	--	--	--	--	--	--
07-07-2010	1045	Surface water	Regular	761	34.0	452	7.4	98	7.4
07-21-2010	1345	Surface water	Regular	762	34.0	668	7.2	98	7.4
08-03-2010	1245	Surface water	Regular	764	29.5	876	6.6	86	7.3
09-08-2010	1315	Surface water	Regular	762	32.8	404	7.5	96	7.0
09-21-2010	1200	Surface water	Regular	765	26.0	310	8.3	103	7.5

02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 2 of 18

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Specific conductance, water, unfiltered, laboratory, μS/cm at 25 °C (90095)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Carbon (inorganic plus organic), suspended sediment, total, mg/L (00694)	Chloride, water, filtered, mg/L (00940)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)
10-14-2009	196	189	19.0	36	44	.39	21.5	18.1	< .020
10-14-2009	--	--	--	--	--	.41	--	--	--
11-10-2009	--	187	15.0	35	42	.22	19.5	17.0	< .020
11-10-2009	--	--	--	--	--	.22	--	--	--
11-27-2009	--	119	12.9	19	23	2.44	14.1	11.3	< .020
11-27-2009	--	--	--	--	--	2.64	--	--	--
12-09-2009	--	90	10.7	13	16	1.06	10.5	9.04	E .017
12-09-2009	--	--	--	--	--	1.19	10.4	8.92	< .020
12-09-2009	--	--	--	--	--	1.51	--	--	--
12-09-2009	--	--	--	--	--	1.11	--	--	--
01-11-2010	--	114	2.8	29	35	1.42	11.9	11.4	.043
01-11-2010	--	--	--	--	--	1.45	--	--	--
01-25-2010	E 68	65	--	7	9	.85	7.46	6.92	< .020
01-25-2010	< 5	--	--	--	--	.57	< .12	< .18	< .020
01-25-2010	--	--	--	--	--	.77	--	--	--
01-25-2010	--	--	--	--	--	< .10	--	--	--
02-22-2010	--	88	6.8	15	18	.58	10.4	9.15	E .012
02-22-2010	--	--	--	--	--	.62	--	--	--
03-10-2010	--	104	10.8	13	15	.94	12.5	11.9	< .020
03-10-2010	--	--	--	--	--	.99	--	--	--
03-23-2010	--	116	14.4	18	21	1.67	14.8	10.3	< .020
03-23-2010	--	--	--	--	--	1.46	--	--	--
04-05-2010	--	74	19.1	11	13	.95	8.74	5.85	.027
04-05-2010	--	--	--	--	--	.89	--	--	--
05-05-2010	--	150	24.0	26	32	.67	16.1	12.8	.043
05-05-2010	--	--	--	--	--	.60	--	--	--
05-20-2010	--	163	23.1	25	30	2.52	18.9	15.9	< .020
05-20-2010	--	--	--	--	--	2.56	--	--	--
06-30-2010	193	194	30.3	34	41	1.37	20.9	16.3	< .020
06-30-2010	--	--	--	--	--	--	--	--	--
06-30-2010	--	--	--	--	--	--	--	--	--
06-30-2010	--	--	--	--	--	1.42	--	--	--
07-07-2010	--	203	29.8	36	44	--	22.0	17.2	< .020
07-21-2010	--	194	31.7	31	38	--	22.7	17.0	E .017
08-03-2010	--	214	28.9	32	39	--	24.2	17.0	.043
09-08-2010	--	190	28.0	28	34	--	21.6	15.6	E .017
09-21-2010	--	234	26.0	41	50	--	26.6	17.4	< .020

02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)	Particulate nitrogen, suspended in water, mg/L (49570)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49295)	2,4-D methyl ester, water, filtered, recoverable, μg/L (50470)
10-14-2009	.58	.067	.027	.06	.092	.96	.95	< .04	--
10-14-2009	--	--	--	.04	--	--	--	--	--
11-10-2009	.40	< .006	.080	E .02	.119	.78	.75	< .04	--
11-10-2009	--	--	--	E .02	--	--	--	--	--
11-27-2009	.56	.022	.013	.18	.169	1.06	1.30	< .04	--
11-27-2009	--	--	--	.21	--	--	--	--	--
12-09-2009	.48	.018	.017	.13	.112	.92	1.08	< .04	--
12-09-2009	.46	.018	.015	.12	.111	.95	1.09	< .04	--
12-09-2009	--	--	--	.13	--	--	--	--	--
12-09-2009	--	--	--	.13	--	--	--	--	--
01-11-2010	.99	.005	.018	.12	.085	1.45	1.48	< .04	--
01-11-2010	--	--	--	.16	--	--	--	--	--
01-25-2010	.60	.004	.015	.12	.082	.91	1.17	< .04	< .200
01-25-2010	< .04	< .002	< .008	.09	< .008	< .10	< .10	< .04	< .200
01-25-2010	--	--	--	.09	--	--	--	--	--
01-25-2010	--	--	--	< .03	--	--	--	--	--
02-22-2010	.72	.007	.011	.07	.055	1.10	1.13	< .04	< .200
02-22-2010	--	--	--	.08	--	--	--	--	--
03-10-2010	1.01	.008	.015	.10	.080	1.29	1.46	< .04	< .200
03-10-2010	--	--	--	.12	--	--	--	--	--
03-23-2010	.71	.139	.013	.17	.123	1.14	1.16	< .04	< .200
03-23-2010	--	--	--	.17	--	--	--	--	--
04-05-2010	.27	.006	.027	.10	.096	.91	1.00	< .04	< .200
04-05-2010	--	--	--	.09	--	--	--	--	--
05-05-2010	.85	.010	.063	.05	.115	1.16	1.23	< .04	< .200
05-05-2010	--	--	--	.04	--	--	--	--	--
05-20-2010	.60	.277	.017	.21	.174	.98	1.10	< .04	< .200
05-20-2010	--	--	--	.23	--	--	--	--	--
06-30-2010	.22	.005	.033	.20	.105	.53	.71	< .04	< .200
06-30-2010	--	--	--	--	--	--	--	--	E .021
06-30-2010	--	--	--	--	--	--	--	E .03	--
06-30-2010	--	--	--	.21	--	--	--	--	--
07-07-2010	.27	.005	.036	--	.118	--	.78	< .04	< .200
07-21-2010	.31	.006	.043	--	.082	--	.73	< .04	< .200
08-03-2010	.58	.009	.118	--	.193	--	1.10	< .04	< .200
09-08-2010	.47	.005	.085	--	.139	--	.91	< .04	< .200
09-21-2010	.25	.004	.056	--	.080	--	.57	< .04	< .200

02089500 NEUSE RIVER AT KINSTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	2,4-D plus 2,4-D methyl ester, sum on a molar basis, microgram s per liter as 2,4-D (66496)	2,4-D, water, filtered, recover able, μg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (38746)	2,6-Diethyl aniline, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82660)	2-Chloro- 2',6'- diethyl acetanil ide, water, filtered, recover able, μg/L (61618)	2-Chloro-4- isopropyl amino-6- triazine, water, filtered, recover able, μg/L (04040)	2-Chloro-6- ethyl amino-4- triazine, water, filtered, recover able, μg/L (04038)	2-Ethyl-6- methyl aniline, water, filtered, recover able, μg/L (61620)	2-Hydroxy- 4-iso propyl amino-6- ethyl amino-s- triazine, water, filtered, recover able, μg/L (50355)	3,4- Dichloro aniline, water, filtered, recover able, μg/L (61625)
10-14-2009	--	--	--	< .006	< .010	E .008	--	< .010	--	E .012
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	--	--	--	< .006	< .010	< .014	--	< .010	--	E .010
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	--	--	--	< .006	< .010	< .014	--	< .010	--	E .006
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	< .006	< .010	< .014	--	< .010	--	< .004
12-09-2009	--	--	--	< .006	< .010	< .014	--	< .010	--	< .004
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	--	--	--	< .006	< .010	< .014	--	< .010	--	E .006
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	< .06	< .06	< .02	< .006	< .010	E .007	< .06	< .010	< .060	< .004
01-25-2010	< .06	< .06	< .02	< .006	< .010	< .014	< .06	< .010	< .060	< .004
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	< .06	< .06	< .02	< .006	< .010	E .009	< .06	< .010	E .014	E .003
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	< .06	< .06	< .02	< .006	< .010	E .007	< .06	< .010	< .060	E .008
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	< .06	< .06	< .02	< .006	< .010	E .010	< .06	< .010	< .060	E .012
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	.08	.08	< .02	< .006	< .010	E .016	< .06	< .010	E .027	< .005
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	< .06	< .06	< .02	< .006	< .010	E .015	< .06	< .010	E .031	E .011
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	< .06	< .06	< .02	< .006	< .010	E .032	< .06	< .010	E .029	E .009
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	< .06	< .06	< .02	< .006	< .010	E .018	< .06	< .010	E .045	E .012
06-30-2010	.19	.17	.12	--	--	.15	.23	--	.361	--
06-30-2010	--	--	--	.105	.159	E .171	--	E .096	--	E .088
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	< .06	< .06	< .02	E .001	< .010	E .014	< .06	< .010	E .041	E .010
07-21-2010	< .06	< .06	< .02	< .006	< .010	E .015	< .06	< .010	< .060	E .012
08-03-2010	< .06	< .06	< .02	< .006	< .010	E .013	< .06	< .010	E .022	E .017
09-08-2010	< .06	< .06	< .02	< .006	< .010	E .013	< .06	< .010	.040	E .013
09-21-2010	< .06	< .06	< .02	< .006	< .010	E .015	< .06	< .010	.036	E .010

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	3,5-Di chloro aniline, water, filtered, recover able, µg/L (61627)	3-Hydroxy carbo furan, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49308)	4-Chloro-2- methyl phenol, water, filtered, recover able, µg/L (61633)	Acetochlor , water, filtered, recover able, µg/L (49260)	Aci fluor fen, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49315)	Alachlor, water, filtered, recover able, µg/L (46342)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49314)	Aldicarb, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49312)	alpha- Endo sulfan, water, filtered, recover able, µg/L (34362)
10-14-2009	<.003	--	<.003	<.010	--	<.008	--	--	--	<.006
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	<.003	--	<.003	<.010	--	<.008	--	--	--	<.006
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	<.003	--	<.003	<.010	--	<.008	--	--	--	<.006
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	<.003	--	<.003	<.010	--	<.008	--	--	--	<.006
12-09-2009	<.003	--	<.003	<.010	--	<.008	--	--	--	<.006
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	<.003	--	<.003	<.010	--	<.008	--	--	--	<.006
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	<.003	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006
01-25-2010	<.003	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	<.003	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	<.003	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	<.003	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	<.003	<.040	<.004	<.010	<.040	<.008	<.08	<.060	<.12	<.006
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	<.003	<.040	<.003	<.010	<.040	.017	<.08	<.060	<.12	<.006
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	<.003	<.040	<.003	<.010	<.040	.016	<.08	<.060	<.12	<.006
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	<.003	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006
06-30-2010	--	.209	--	--	E .030	--	E .05	E .224	E .03	--
06-30-2010	.096	--	E .090	.165	--	.158	--	--	--	.080
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	<.003	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006
07-21-2010	<.004	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006
08-03-2010	<.003	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006
09-08-2010	<.003	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006
09-21-2010	<.003	<.040	<.003	<.010	<.040	<.008	<.08	<.060	<.12	<.006

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WATER-QUALITY DATA
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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Aminomet hyphospho- nic acid, water, filtered (0.7 micron glass fiber filter), recoverabl e, microgram s per liter (62649)	Atrazine, water, filtered, recover able, µg/L (39632)	Azinphos- methyl oxygen analog, water, filtered, recover able, µg/L (61635)	Azinphos- methyl, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82686)	Bendio carb, water, filtered, recover able, µg/L (50299)	Ben fluralin, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82673)	Benomyl, water, filtered, recover able, µg/L (50300)	Ben sulfuron- methyl, water, filtered, recover able, µg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (38711)	Bromacil, water, filtered, recover able, µg/L (04029)
10-14-2009	< .02	.015	< .04	< .120	--	< .014	--	--	--	--
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	.13	.011	< .04	< .120	--	< .014	--	--	--	--
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	.05	E .014	< .04	< .120	--	< .014	--	--	--	--
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	.05	.024	< .04	< .120	--	< .014	--	--	--	--
12-09-2009	--	.024	< .04	< .120	--	< .014	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	.03	.012	--	< .120	--	< .014	--	--	--	--
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	< .02	.024	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
01-25-2010	< .02	< .007	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	.03	.014	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	< .02	.020	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	< .02	.025	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	.04	.095	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
04-05-2010	.05	--	--	--	--	--	--	--	--	--
05-05-2010	.08	.037	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	.14	.093	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	--	.020	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
06-30-2010	--	.252	--	--	E .16	--	E .191	E .40	.17	.22
06-30-2010	--	.148	E .09	E .190	--	.116	--	--	--	--
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	--	.016	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
07-21-2010	--	.021	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
08-03-2010	--	.016	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06
09-08-2010	--	.012	< .04	< .120	< .04	< .014	< .060	< .06	< .06	.05
09-21-2010	--	.014	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06

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[%; percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Brom oxynil, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49311)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49310)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82680)	Carbo furan, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (49309)	Carbo furan, water, filtered (0.7 micron glass fiber filter), recover able, μg/L (82674)	Chlor amben methyl ester, water, filtered, recover able, μg/L (61188)	Chlori muron- ethyl, water, filtered, recover able, μg/L (50306)	Chlor pyrifos oxygen analog, water, filtered, recover able, μg/L (61636)	Chlor pyrifos, water, filtered, recover able, μg/L (38933)
10-14-2009	--	--	< .060	--	< .060	--	--	< .05	< .010
10-14-2009	--	--	--	--	--	--	--	--	--
11-10-2009	--	--	E .008	--	< .060	--	--	< .05	< .010
11-10-2009	--	--	--	--	--	--	--	--	--
11-27-2009	--	--	< .060	--	< .060	--	--	--	< .010
11-27-2009	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	E .011	--	< .060	--	--	--	< .010
12-09-2009	--	--	E .012	--	< .060	--	--	--	< .010
12-09-2009	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--
01-11-2010	--	--	< .060	--	< .060	--	--	--	< .010
01-11-2010	--	--	--	--	--	--	--	--	--
01-25-2010	< .12	< .04	E .007	< .040	< .060	< .10	< .080	< .05	< .010
01-25-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010
01-25-2010	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--
02-22-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010
02-22-2010	--	--	--	--	--	--	--	--	--
03-10-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010
03-10-2010	--	--	--	--	--	--	--	--	--
03-23-2010	< .12	< .04	E .009	< .040	< .060	< .10	< .080	< .05	< .010
03-23-2010	--	--	--	--	--	--	--	--	--
04-05-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010
04-05-2010	--	--	--	--	--	--	--	--	--
05-05-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010
05-05-2010	--	--	--	--	--	--	--	--	--
05-20-2010	< .12	< .04	E .015	< .040	< .060	< .10	< .080	< .05	< .010
05-20-2010	--	--	--	--	--	--	--	--	--
06-30-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010
06-30-2010	E .10	.24	--	.280	--	E .02	E .264	--	--
06-30-2010	--	--	E .148	--	E .180	--	--	< .05	.118
06-30-2010	--	--	--	--	--	--	--	--	--
07-07-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010
07-21-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010
08-03-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010
09-08-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010
09-21-2010	< .12	< .04	< .060	< .040	< .060	< .10	< .080	< .05	< .010

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82687)	cis-Propiconazole, water, filtered, recoverable, μg/L (79846)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49305)	Cyanazine, water, filtered, recoverable, μg/L (04041)	Cycloate, water, filtered, recoverable, μg/L (04031)	Cyfluthrin, water, filtered, recoverable, μg/L (61585)	Cypermethrin, water, filtered, recoverable, μg/L (61586)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82682)	Desulfinyl fipronil amide, water, filtered, recoverable, μg/L (62169)
10-14-2009	< .014	< .006	--	< .022	--	< .016	< .020	--	< .008	E .005
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	< .014	< .006	--	< .022	--	< .080	< .058	--	< .008	E .003
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	< .014	< .006	--	< .022	--	< .016	< .020	--	< .008	< .029
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	< .014	< .006	--	< .022	--	< .016	< .020	--	< .008	< .029
12-09-2009	< .014	< .006	--	< .022	--	< .016	< .020	--	< .008	< .029
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	< .014	< .006	--	< .022	--	< .016	< .020	--	< .008	< .029
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
01-25-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	E .002
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
06-30-2010	--	--	E .11	--	.14	--	--	.15	--	--
06-30-2010	.100	E .084	--	.168	--	E .091	E .085	--	.138	E .167
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	E .003
07-21-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
08-03-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
09-08-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029
09-21-2010	< .014	< .006	< .06	< .022	< .04	< .016	< .020	< .04	< .008	< .029

02089500 NEUSE RIVER AT KINSTON, NC—Continued

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Desulfinyl fipronil, water, filtered, recover able, µg/L (62170)	Diazinon, water, filtered, recover able, µg/L (39572)	Dichlor		Dicro tophos, water, filtered, recover able, µg/L (38454)	Dieldrin, water, filtered, recover able, µg/L (39381)	Dimetho ate, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82662)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49301)	Di phenamid, water, filtered, recover able, µg/L (04033)	
			Dicamba, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (38442)	prop, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49302)						
10-14-2009	E .007	< .005	--	--	< .02	< .08	< .009	< .006	--	--
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	E .007	< .005	--	--	< .02	< .08	< .009	< .010	--	--
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	< .012	< .005	--	--	< .02	< .08	< .009	< .006	--	--
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	E .013	< .005	--	--	< .02	< .08	< .009	< .006	--	--
12-09-2009	E .013	< .005	--	--	< .02	< .08	< .009	< .006	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	< .012	< .005	--	--	< .02	< .08	< .009	< .006	--	--
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	E .001	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
01-25-2010	< .012	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	E .003	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	E .007	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	E .008	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	E .002	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	E .009	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	E .007	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	E .011	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
06-30-2010	--	--	< .06	.19	--	--	--	--	.08	.32
06-30-2010	.146	.144	--	--	E .01	E .08	.092	E .112	--	--
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	E .009	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
07-21-2010	.014	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
08-03-2010	.012	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
09-08-2010	E .007	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04
09-21-2010	.010	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Di sulfoton sulfone, water, filtered, recoverable, μg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49300)	Endo sulfan sulfate, water, filtered, recoverable, μg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82668)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82672)	Fenami phos sulfone, water, filtered, recoverable, μg/L (61645)	Fenami phos sulfoxide, water, filtered, recoverable, μg/L (61646)
10-14-2009	< .01	< .04	--	< .014	< .002	< .02	< .008	< .016	< .053	< .08
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	< .01	< .04	--	< .014	< .002	< .02	< .008	< .016	< .053	< .08
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	< .01	< .04	--	< .014	< .002	< .02	< .008	< .016	< .053	--
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	< .01	< .04	--	< .014	< .002	< .02	< .008	< .016	< .053	< .08
12-09-2009	< .01	< .04	--	< .014	< .002	< .02	< .008	< .016	< .053	< .08
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	< .01	< .04	--	< .014	< .002	< .02	< .008	< .016	< .053	--
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	< .01	< .04	< .04	< .014	< .002	< .02	< .008	< .016	< .053	< .08
01-25-2010	< .01	< .04	< .04	< .014	< .002	< .02	< .008	< .016	< .053	< .08
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	< .01	< .04	< .04	< .014	< .002	< .02	< .008	< .016	< .053	< .08
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	< .01	< .04	< .04	< .014	< .002	< .02	< .008	< .016	< .053	< .08
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	< .01	< .04	E .01	< .014	< .002	< .02	< .008	< .016	< .053	< .08
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	< .01	< .04	E .03	< .014	< .002	< .02	< .008	< .016	< .053	< .08
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	< .01	< .04	< .04	< .014	< .002	< .02	< .008	< .016	< .053	< .08
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	< .01	< .04	E .13	< .014	E .004	< .02	< .008	< .016	< .053	< .08
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	< .01	< .04	E .01	< .014	< .002	< .02	< .008	< .016	< .053	< .08
06-30-2010	--	--	.26	--	--	--	--	--	--	--
06-30-2010	.13	E .08	--	E .113	.118	E .14	.153	.182	E .184	E .04
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	< .01	< .04	E .02	< .014	< .002	< .02	< .008	< .016	< .053	< .08
07-21-2010	< .01	< .04	E .04	< .014	< .002	< .02	< .008	< .016	< .053	< .08
08-03-2010	< .01	< .04	E .02	< .014	< .002	< .02	< .008	< .016	< .053	< .08
09-08-2010	< .01	< .04	.02	< .014	< .002	< .02	< .008	< .016	< .053	< .08
09-21-2010	< .01	< .04	E .02	< .014	< .002	< .02	< .008	< .016	< .053	< .08

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Fenami phos, water, filtered, recover able, µg/L (61591)	Fenuron, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49297)	Fipronil sulfide, water, filtered, recover able, µg/L (62167)	Fipronil sulfone, water, filtered, recover able, µg/L (62168)	Fipronil, water, filtered, recover able, µg/L (62166)	Flumet sulam, water, filtered, recover able, µg/L (61694)	Fluome turon, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (38811)	Fonofos, water, filtered, recover able, µg/L (04095)	Glufosinat e, water, filtered (0.7 micron glass fiber filter), recoverabl e, microgram s per liter (62721)	Glyphosate , water, filtered (0.7 micron glass fiber filter), recoverabl e, microgram s per liter (62722)
10-14-2009	< .03	--	E .007	E .007	E .013	--	--	< .004	< .02	< .02
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	< .03	--	E .007	E .007	E .013	--	--	< .004	< .02	< .02
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	< .03	--	< .013	< .024	< .018	--	--	< .004	< .02	< .02
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	< .03	--	E .007	< .024	E .016	--	--	< .004	< .02	.03
12-09-2009	< .03	--	E .007	< .024	E .015	--	--	< .004	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	< .03	--	< .013	< .024	E .016	--	--	< .004	< .02	< .02
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	< .03	< .06	E .001	E .002	E .006	< .06	< .04	< .004	< .02	< .02
01-25-2010	< .03	< .06	< .013	< .024	< .018	< .06	< .04	< .004	< .02	< .02
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	< .03	< .06	< .013	< .024	E .003	< .06	< .04	< .004	< .02	< .02
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	< .03	< .06	E .006	< .024	E .003	< .06	< .04	< .004	< .02	< .02
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	< .03	< .06	E .008	E .004	E .008	< .06	< .04	< .004	< .02	< .02
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	< .03	< .06	E .002	< .024	E .008	< .06	< .04	< .004	< .02	.03
04-05-2010	--	--	--	--	--	--	--	--	< .02	.03
05-05-2010	< .03	< .06	E .009	E .005	E .009	< .06	< .04	< .004	< .02	< .02
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	< .03	< .06	E .003	< .024	E .013	< .06	< .04	< .004	< .02	.10
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	< .03	< .06	E .006	E .004	< .018	< .06	< .04	< .004	--	--
06-30-2010	--	E .25	--	--	--	E .35	.29	--	--	--
06-30-2010	.17	--	.183	.146	E .199	--	--	.116	--	--
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	< .03	< .06	E .005	E .010	E .012	< .06	< .04	< .004	--	--
07-21-2010	< .03	< .06	E .004	< .024	E .009	< .06	< .04	< .004	--	--
08-03-2010	< .03	< .06	E .005	E .003	E .011	< .06	< .04	< .004	--	--
09-08-2010	< .03	< .06	E .006	E .005	E .009	< .06	< .04	< .004	--	--
09-21-2010	< .03	< .06	E .007	E .003	E .006	< .06	< .04	< .004	--	--

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Hexa zinone, water, filtered, recover able, µg/L (04025)	Imaza quin, water, filtered, recover able, µg/L (50356)	Imaze thapyr, water, filtered, recover able, µg/L (50407)	Imi dacloprid, water, filtered, recover able, µg/L (61695)	Iprodione, water, filtered, recover able, µg/L (61593)	Isofen phos, water, filtered, recover able, µg/L (61594)	lambda- Cyhalo thrin, water, filtered, recover able, µg/L (61595)	Linuron, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (38478)	Malaoxon, water, filtered, recover able, µg/L (61652)	Malathion, water, filtered, recover able, µg/L (39532)
10-14-2009	<.008	--	--	--	<.014	<.006	<.010	--	<.080	<.016
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	<.008	--	--	--	<.017	<.006	<.010	--	<.080	<.016
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	<.008	--	--	--	<.014	<.006	<.010	--	<.080	<.016
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	<.008	--	--	--	<.014	<.006	<.010	--	<.080	<.016
12-09-2009	<.008	--	--	--	<.014	<.006	<.010	--	<.080	<.016
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	<.020	--	--	--	<.020	<.006	<.010	--	<.080	<.016
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
01-25-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
06-30-2010	--	E .30	.09	E .154	--	--	--	.56	--	--
06-30-2010	.120	--	--	--	E .030	.178	E .041	--	.100	.138
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
07-21-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
08-03-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
09-08-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016
09-21-2010	<.008	<.06	<.06	<.060	<.014	<.006	<.010	<.04	<.080	<.016

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	MCPA, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (38487)	Metalaxyl, water, filtered, recover able, µg/L (50359)	Metalaxyl, water, filtered, recover able, µg/L (61596)	Methida thion, water, filtered, recover able, µg/L (61598)	Methio carb, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49296)	Methyl paraoxon, water, filtered, recover able, µg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82667)	Metola chlor, water, filtered, recover able, µg/L (39415)
10-14-2009	--	--	--	E .010	< .006	--	--	< .01	< .008	.014
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	--	--	--	E .021	< .006	--	--	< .01	< .008	< .014
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	--	--	--	< .007	< .006	--	--	< .01	< .008	E .122
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	< .007	< .006	--	--	< .01	< .008	.018
12-09-2009	--	--	--	< .007	< .006	--	--	< .01	< .008	.017
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	--	--	--	< .007	< .006	--	--	< .02	< .008	.015
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	< .04	< .20	< .04	< .009	< .006	< .040	< .120	< .01	< .008	E .011
01-25-2010	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008	< .014
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008	E .011
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008	.018
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008	.019
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	E .02	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008	.031
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .013	.024
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008	.058
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	< .04	< .20	< .04	< .011	< .006	< .040	< .120	< .01	< .012	E .036
06-30-2010	.17	E .13	.34	--	--	.236	E .312	--	--	--
06-30-2010	--	--	--	.169	.138	--	--	E .06	.146	.176
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .015	.044
07-21-2010	< .04	< .20	< .04	E .019	< .006	< .040	< .120	< .01	< .008	.088
08-03-2010	< .04	< .20	E .02	E .030	< .006	< .040	< .120	< .01	< .008	.023
09-08-2010	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .032	.012
09-21-2010	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008	.012

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WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Metribuzin , water, filtered, recover able, µg/L (82630)	Metsul furon- methyl, water, filtered, recover able, µg/L (61697)	Molinate, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82671)	Myclo butanil, water, filtered, recover able, µg/L (61599)	N-(4- Chloro phenyl)- N'-methyl urea, water, filtered, recover able, µg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49294)	Nico sulfuron, water, filtered, recover able, µg/L (50364)	Nor flurazon, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49292)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (38866)
10-14-2009	< .012	--	< .003	< .010	--	--	--	--	--	--
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	< .012	--	< .003	< .010	--	--	--	--	--	--
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	< .012	--	< .003	< .010	--	--	--	--	--	--
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	< .012	--	< .003	< .010	--	--	--	--	--	--
12-09-2009	< .012	--	< .003	< .010	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	< .012	--	< .003	< .010	--	--	--	--	--	--
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	< .012	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12
01-25-2010	< .012	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	< .012	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	< .012	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	< .012	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	< .012	< .14	< .003	< .011	< .06	< .02	< .10	< .04	< .04	< .12
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	< .012	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	< .012	< .14	< .003	< .012	< .06	< .02	< .10	< .04	< .04	< .12
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	< .012	< .14	< .003	< .011	< .06	< .02	< .10	< .04	< .04	< .12
06-30-2010	--	E .30	--	--	.20	.15	E 6.04	.29	.16	E .22
06-30-2010	.146	--	.135	.119	--	--	--	--	--	--
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	< .012	< .14	< .003	E .007	< .06	< .02	< .10	< .04	< .04	< .12
07-21-2010	< .012	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12
08-03-2010	< .012	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12
09-08-2010	< .012	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12
09-21-2010	< .012	< .14	< .003	< .010	< .06	< .02	< .10	< .04	< .04	< .12

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Oxyfluorfen, water, filtered, recoverable, µg/L (61600)	Pendi methalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	Picloram, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49291)	Prometon, water, filtered, recoverable, µg/L (04037)	Prometryn, water, filtered, recoverable, µg/L (04036)	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82679)
10-14-2009	< .010	< .012	< .03	< .020	< .05	< .034	--	.02	< .006	< .010
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	< .010	< .012	< .03	< .020	< .05	< .034	--	.01	< .008	< .010
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	< .010	< .012	< .03	< .020	--	--	--	E .01	< .006	< .010
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	< .010	< .012	< .03	< .020	--	< .034	--	.01	< .006	< .010
12-09-2009	< .010	< .012	< .03	< .020	--	< .034	--	.01	< .006	< .010
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	< .010	< .012	< .03	< .020	--	--	--	E .01	< .006	< .020
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	E .01	< .006	< .010
01-25-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	< .01	< .006	< .010
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	E .01	< .006	< .010
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	E .01	< .006	< .010
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	E .01	< .006	< .010
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	.01	< .006	< .010
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	.01	< .006	< .010
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	.14	< .006	< .010
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	.02	< .008	< .010
06-30-2010	--	--	--	--	--	--	E .11	--	--	--
06-30-2010	.099	.170	E .13	.089	< .05	< .034	--	.16	.164	.193
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	.02	< .006	< .010
07-21-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	.04	< .008	< .010
08-03-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	.02	< .007	< .010
09-08-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	.01	< .006	< .010
09-21-2010	< .010	< .012	< .03	< .020	< .05	< .034	< .12	.01	< .006	< .010

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Propargite, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82685)	Propham, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49236)	Propicon azole, water, filtered, recover able, µg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (38538)	Propyz amide, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82676)	Siduron, water, filtered, recover able, µg/L (38548)	Simazine, water, filtered, recover able, µg/L (04035)	Sulfo meturon- methyl, water, filtered, recover able, µg/L (50337)	Tebu thiuron, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82670)	Teflu thrin, water, filtered, recover able, µg/L (61606)
10-14-2009	< .02	--	--	--	< .004	--	.033	--	< .03	< .010
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	< .02	--	--	--	< .004	--	.025	--	< .03	< .010
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	< .02	--	--	--	< .004	--	E .051	--	< .03	< .010
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	< .02	--	--	--	< .004	--	.570	--	< .03	< .010
12-09-2009	< .02	--	--	--	< .004	--	.577	--	< .03	< .010
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	< .02	--	--	--	< .004	--	.035	--	< .03	< .010
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	< .02	< .040	< .04	< .060	< .004	< .04	.208	< .060	< .03	< .010
01-25-2010	< .02	< .040	< .04	< .060	< .004	< .04	< .006	< .060	< .03	< .010
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	< .02	< .040	< .04	< .060	< .004	< .04	.043	< .060	< .03	< .010
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	< .02	< .040	< .04	< .060	< .004	< .04	.036	< .060	< .03	< .010
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	< .02	< .040	< .04	< .060	< .004	< .04	.045	< .060	< .03	< .010
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	< .02	< .040	< .04	< .060	< .004	< .04	.054	< .060	< .03	< .010
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	< .02	< .040	< .04	< .060	< .004	< .04	.029	< .060	< .03	< .010
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	< .02	< .040	< .04	< .060	< .004	< .04	.249	< .060	< .03	< .010
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	< .02	< .040	< .04	< .060	< .004	< .04	.023	< .060	< .03	< .010
06-30-2010	--	.255	.16	.285	--	.32	--	E .530	.278	--
06-30-2010	.19	--	--	--	.147	--	.155	--	.21	E .098
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	< .02	< .040	< .04	< .060	< .004	< .04	.019	< .060	< .03	< .010
07-21-2010	< .02	< .040	< .04	< .060	< .004	< .04	.033	< .060	< .03	< .010
08-03-2010	< .02	< .040	< .04	< .060	< .004	< .04	.035	< .060	< .03	< .010
09-08-2010	< .02	< .040	< .04	< .060	< .004	< .04	.025	< .060	< .03	< .010
09-21-2010	< .02	< .040	< .04	< .060	< .004	< .04	.025	< .060	< .03	< .010

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Terbacil, water, filtered, recover able, µg/L (04032)	Terbufos oxygen analog sulfone, water, filtered, recover able, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82675)	Terbuthyl azine, water, filtered, recover able, µg/L (04022)	Thioben carb, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82681)	trans- Propicon azole, water, filtered, recover able, µg/L (79847)	Tri buphos, water, filtered, recover able, µg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (49235)	Tri fluralin, water, filtered (0.7 micron glass fiber filter), recover able, µg/L (82661)	Caffeine, water, filtered, recover able, µg/L (50305)
10-14-2009	--	< .04	< .02	< .01	< .016	< .02	< .018	--	< .018	--
10-14-2009	--	--	--	--	--	--	--	--	--	--
11-10-2009	--	< .04	< .02	< .01	< .016	< .02	< .018	--	< .018	--
11-10-2009	--	--	--	--	--	--	--	--	--	--
11-27-2009	--	< .04	< .02	< .01	< .016	< .02	< .018	--	< .018	--
11-27-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	< .04	< .02	< .01	< .016	< .02	< .018	--	< .018	--
12-09-2009	--	< .04	< .02	< .01	< .016	< .02	< .018	--	< .018	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
12-09-2009	--	--	--	--	--	--	--	--	--	--
01-11-2010	--	< .04	< .02	.01	< .016	< .02	< .018	--	< .018	--
01-11-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	< .040	< .04	< .02	< .01	< .016	< .02	< .018	< .08	< .018	< .080
01-25-2010	< .040	< .04	< .02	< .01	< .016	< .02	< .018	< .08	< .018	< .080
01-25-2010	--	--	--	--	--	--	--	--	--	--
01-25-2010	--	--	--	--	--	--	--	--	--	--
02-22-2010	< .040	< .04	< .02	< .01	< .016	< .02	< .018	< .08	< .018	< .080
02-22-2010	--	--	--	--	--	--	--	--	--	--
03-10-2010	< .040	< .04	< .02	.01	< .016	< .02	< .018	E .04	< .018	< .080
03-10-2010	--	--	--	--	--	--	--	--	--	--
03-23-2010	< .040	< .04	< .02	.01	< .016	< .02	< .018	< .08	< .018	< .080
03-23-2010	--	--	--	--	--	--	--	--	--	--
04-05-2010	< .040	< .04	< .02	< .01	< .016	< .02	< .018	E .04	< .018	< .080
04-05-2010	--	--	--	--	--	--	--	--	--	--
05-05-2010	< .040	< .04	< .02	.01	< .016	< .02	< .018	< .08	< .018	< .080
05-05-2010	--	--	--	--	--	--	--	--	--	--
05-20-2010	< .040	< .04	< .02	.02	< .016	< .02	< .018	< .08	< .018	< .080
05-20-2010	--	--	--	--	--	--	--	--	--	--
06-30-2010	< .040	< .04	< .02	< .01	< .016	< .02	< .018	< .08	< .018	< .080
06-30-2010	.215	--	--	--	--	--	--	.19	--	.237
06-30-2010	--	.09	.10	.14	.145	E .10	E .131	--	.134	--
06-30-2010	--	--	--	--	--	--	--	--	--	--
07-07-2010	< .040	< .04	< .02	< .01	< .016	< .02	< .018	< .08	< .018	< .080
07-21-2010	< .040	< .04	< .02	.01	< .016	< .02	< .018	< .08	< .018	< .080
08-03-2010	< .040	< .04	< .02	.03	< .016	< .02	< .018	< .08	< .018	< .080
09-08-2010	< .040	< .04	< .02	.01	< .016	< .02	< .018	< .08	< .018	< .080
09-21-2010	< .040	< .04	< .02	.02	< .016	< .02	< .018	< .08	< .018	< .080

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[%, percent; CaCO₃, calcium carbonate;
N, nitrogen; P, phosphorus; ft³/s, cubic
feet per second; mg/L, milligrams per
liter; mm Hg, millimeters of mercury;
mm, millimeters; °C, degrees Celsius;
μS/cm, microsiemens per centimeter;
μg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331)	
	Suspended sediment concentration, mg/L (80154)	
10-14-2009	95	7
10-14-2009	--	--
11-10-2009	98	43
11-10-2009	--	--
11-27-2009	45	49
11-27-2009	--	--
12-09-2009	57	33
12-09-2009	50	38
12-09-2009	--	--
12-09-2009	--	--
01-11-2010	96	46
01-11-2010	--	--
01-25-2010	81	36
01-25-2010	.0	< .5
01-25-2010	--	--
01-25-2010	--	--
02-22-2010	95	13
02-22-2010	--	--
03-10-2010	82	21
03-10-2010	--	--
03-23-2010	82	53
03-23-2010	--	--
04-05-2010	91	32
04-05-2010	--	--
05-05-2010	80	15
05-05-2010	--	--
05-20-2010	83	71
05-20-2010	--	--
06-30-2010	84	17
06-30-2010	--	--
06-30-2010	--	--
06-30-2010	--	--
07-07-2010	40	48
07-21-2010	80	14
08-03-2010	89	24
09-08-2010	77	15
09-21-2010	86	7

02089500 NEUSE RIVER AT KINSTON, NC—Continued