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Water-Data Report 2008

**0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC**

Neuse Basin  
Upper Neuse Subbasin

LOCATION.--Lat 36°08'59", long 78°53'48" referenced to North American Datum of 1983, Durham County, NC, Hydrologic Unit 03020201, on right bank at bridge on Secondary Road 1617 and 1.6 mi southwest of Bahama.

DRAINAGE AREA.--8 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder. Datum of gage is 360.95 ft above NGVD of 1929.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum gage height for period of record from floodmarks. Maximum gage height for period of record occurred September 6, 1996, discharge not determined. No flow occurred on many days during the period.

## 0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

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

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	0.00	e0.07	e0.04	2.9	6.5	1.8	24	5.0	2.2	0.36	0.08	2.0
<b>2</b>	0.00	e0.05	e0.08	1.2	10	1.6	9.7	3.8	0.97	0.24	0.04	0.66
<b>3</b>	e0.00	e0.06	e0.10	0.64	4.9	1.3	6.6	2.4	0.67	0.17	0.05	0.45
<b>4</b>	0.00	e0.06	e0.05	0.46	3.2	13	20	1.8	0.60	0.19	0.04	0.34
<b>5</b>	0.00	e0.07	e0.06	0.39	2.7	68	35	1.4	0.50	0.37	0.04	0.31
<b>6</b>	e0.00	e0.07	e0.05	0.36	2.3	12	21	1.5	0.41	2.9	0.03	397
<b>7</b>	e0.00	e0.06	e0.04	0.32	1.9	43	13	1.2	0.38	1.4	0.03	16
<b>8</b>	e0.00	e0.06	e0.06	0.25	1.6	36	8.7	1.1	0.32	0.52	0.03	6.5
<b>9</b>	e0.00	e0.08	e0.10	0.26	1.7	13	6.9	1.9	0.29	0.46	0.02	3.6
<b>10</b>	0.00	e0.07	e0.20	0.28	1.3	8.9	5.8	1.3	0.25	0.81	0.16	2.5
<b>11</b>	0.00	e0.06	e0.07	0.32	0.81	6.7	5.0	1.6	0.22	5.6	0.15	2.2
<b>12</b>	0.00	e0.07	0.05	0.28	1.0	5.2	4.8	2.7	0.17	1.5	0.04	1.7
<b>13</b>	0.00	e0.15	0.04	0.24	20	4.3	4.3	1.6	0.18	0.60	0.04	1.4
<b>14</b>	0.00	e0.20	0.04	0.22	12	3.6	3.6	1.1	0.15	0.54	0.04	1.0
<b>15</b>	0.00	e0.15	0.04	0.19	8.4	5.1	3.0	0.98	0.14	0.45	0.03	0.81
<b>16</b>	0.00	e0.08	0.28	0.16	6.1	13	2.2	4.3	0.14	0.37	0.03	3.1
<b>17</b>	0.00	e0.06	0.12	0.52	5.0	6.6	2.0	2.3	0.15	0.32	0.03	2.7
<b>18</b>	0.00	e0.05	0.09	1.8	4.8	4.7	1.8	3.4	0.12	0.27	0.02	1.5
<b>19</b>	0.00	e0.05	0.08	1.0	3.8	4.5	1.6	5.5	0.11	0.25	0.02	0.99
<b>20</b>	0.00	e0.06	0.07	0.93	2.5	5.3	4.0	3.1	0.10	0.24	0.02	0.79
<b>21</b>	0.00	e0.07	0.07	0.59	1.7	3.4	5.4	3.0	0.10	0.19	0.02	0.70
<b>22</b>	0.00	e0.10	0.06	0.48	1.9	2.9	3.4	1.5	0.12	4.9	0.01	0.66
<b>23</b>	0.00	e0.05	0.06	0.50	2.3	2.6	2.5	1.0	0.13	3.2	0.01	0.58
<b>24</b>	e0.00	e0.04	0.06	0.42	2.0	2.0	2.0	0.91	0.10	0.75	0.01	0.50
<b>25</b>	e0.80	e0.03	0.06	0.32	1.9	1.9	1.6	0.81	0.08	0.38	0.02	0.48
<b>26</b>	e1.0	e0.10	1.9	0.30	3.7	1.6	1.3	0.70	0.08	0.26	0.03	29
<b>27</b>	e6.0	e0.10	1.1	0.27	5.4	1.6	1.6	0.60	0.08	0.17	152	24
<b>28</b>	e0.40	e0.05	0.44	0.24	3.7	1.6	22	1.8	0.08	0.12	86	9.0
<b>29</b>	e0.40	e0.05	0.35	0.24	2.3	1.9	19	1.8	0.09	0.09	3.1	4.9
<b>30</b>	e0.10	e0.04	9.3	0.24	---	2.2	7.3	1.0	1.6	0.07	1.1	3.4
<b>31</b>	e0.08	---	12	0.22	---	13	---	0.87	---	0.07	1.1	---
<b>Total</b>	8.78	2.21	27.06	16.54	125.41	292.3	249.1	61.97	10.53	27.76	244.34	518.77
<b>Mean</b>	0.28	0.07	0.87	0.53	4.32	9.43	8.30	2.00	0.35	0.90	7.88	17.3
<b>Max</b>	6.0	0.20	12	2.9	20	68	35	5.5	2.2	5.6	152	397
<b>Min</b>	0.00	0.03	0.04	0.16	0.81	1.3	1.3	0.60	0.08	0.07	0.01	0.31

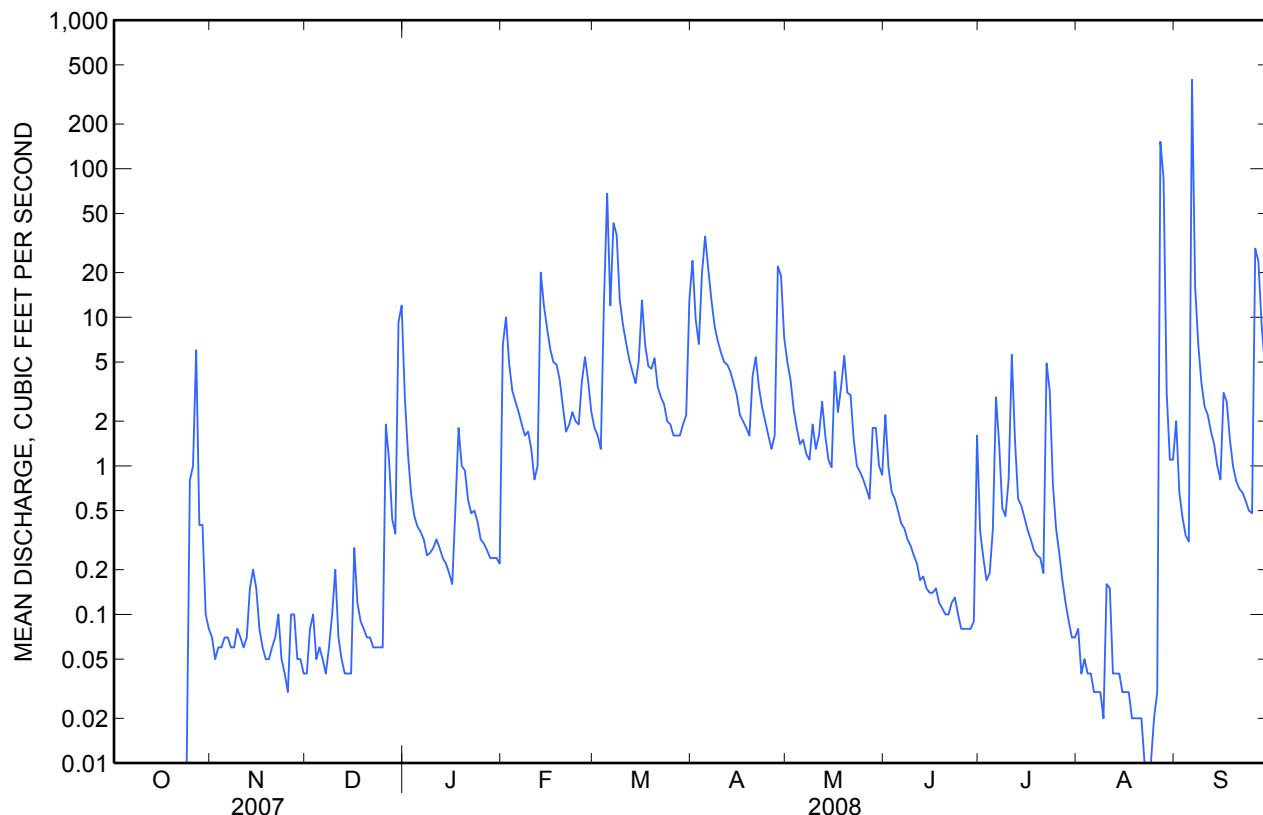
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2008, BY WATER YEAR (WY)**

	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	4.31	4.43	5.88	8.87	10.4	14.3	9.95	3.95	5.42	2.85	2.86	11.0
<b>Max</b>	32.9	17.0	20.7	27.3	36.2	49.9	30.0	15.1	29.7	9.12	10.6	74.0
(WY)	(2003)	(2007)	(2003)	(1998)	(1998)	(1998)	(2003)	(2003)	(1995)	(2006)	(2004)	(1996)
<b>Min</b>	0.03	0.06	0.26	0.53	1.55	1.12	1.14	0.19	0.29	0.10	0.01	0.00
(WY)	(1999)	(1999)	(2002)	(2008)	(2002)	(2006)	(2002)	(2002)	(1999)	(2002)	(1999)	(2007)

**0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued****SUMMARY STATISTICS**

	Calendar Year 2007		Water Year 2008		Water Years 1995 - 2008	
<b>Annual total</b>	1,443.90		1,584.77			
<b>Annual mean</b>	3.96		4.33		6.99	
<b>Highest annual mean</b>					17.3	2003
<b>Lowest annual mean</b>					1.67	2002
<b>Highest daily mean</b>	233	Apr 15	397	Sep 6	1,000	Sep 6, 1996
<b>Lowest daily mean</b>	0.00	Aug 15	0.00	Oct 1	0.00	Aug 3, 1999
<b>Annual seven-day minimum</b>	0.00	Aug 28	0.00	Oct 1	0.00	Aug 3, 1999
<b>Maximum peak flow</b>			1,640	Aug 27	<sup>a</sup> NOT DETERMINED	
<b>Maximum peak stage</b>			10.48	Aug 27	12.56	Sep 6, 1996
<b>Instantaneous low flow</b>			<sup>a</sup> 0.00	Oct 1	<sup>a</sup> 0.00	Aug 3, 1999
<b>10 percent exceeds</b>	7.1		6.5		12	
<b>50 percent exceeds</b>	0.35		0.50		2.0	
<b>90 percent exceeds</b>	0.00		0.03		0.08	

<sup>a</sup>See Remarks.



**0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued****WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1988-91, 1994 to current year.

REMARKS.--Station operated to define the impacts of various land-use development on surface-water quality in the Upper Neuse River basin. For the period February 1988 through June 1989 the inorganic chemical data and trace metal data were analyzed by the city of Durham's Brown Water Treatment Plant Laboratory.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 14

[QC, quality control sample. Remark codes: &lt;, 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, unfiltrd field, std units (00400)	Specif-ic conductance, wat unf µS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
<b>Dec</b>									
11...	1245	Surface water, regular	.05	757	7.4	71	6.6	201	13.4
11...	1250	<i>QC - Surface water, replicate</i>	--	--	--	--	--	--	--
<b>Feb</b>									
13...	0900	Surface water, regular	23	745	10.5	85	5.5	82	5.6
<b>Mar</b>									
28...	1400	Surface water, regular	1.7	749	10.2	111	6.1	88	18.3
<b>May</b>									
22...	1545	Surface water, regular	1.4	745	8.5	95	7.3	101	19.7
<b>Jun</b>									
30...	1145	Surface water, regular	.95	740	7.8	94	7.3	111	23.6
<b>Aug</b>									
27...	1200	Surface water, regular	12	750	--	--	7.2	76	21.2
<b>Sep</b>									
06...	1100	Surface water, regular	1,090	741	7.4	87	6.8	43	21.9

## 0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phosphate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L as P (00665)	Alum- inum, water, unfltrd recover -able, μg/L (01105)	Arsenic water, unfltrd μg/L (01002)	Cadmium water, unfltrd μg/L (01027)	Chrom- ium, water, unfltrd recover -able, μg/L (01034)	Cobalt water, unfltrd recover -able, μg/L (01037)	Copper, water, unfltrd recover -able, μg/L (01042)
Dec													
11...	.21	<.020	<.016	--	<.002	E.004	.017	16	<.60	<.01	<.40	<.04	<1.2
11...	.21	<.020	<.016	--	<.002	.006	.017	15	<.60	<.01	E.26	<.04	<1.2
Feb													
13...	.81	.040	.614	.61	.004	.017	.132	665	.60	.02	.48	.89	2.1
Mar													
28...	.32	<.020	.097	--	<.002	<.006	.024	--	--	--	--	--	--
May													
22...	.43	<.020	.269	.26	.004	.010	.045	--	--	--	--	--	--
Jun													
30...	.61	.045	.722	.72	.006	.082	.079	274	.62	<.01	E.28	.39	1.3
Aug													
27...	1.3	.056	.220	.21	.006	.082	.38	3,040	1.5	.05	1.6	3.7	3.9
Sep													
06...	1.1	E.013	.208	.20	.006	.086	.278	873	1.0	E.01	.59	1.3	3.2

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 3 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Iron, water, unfltrd recover -able, μg/L (01045)	Lead, water, unfltrd recover -able, μg/L (01051)	Mangan- ese, water, unfltrd recover -able, μg/L (01055)	Mercury water, unfltrd recover -able, μg/L (71900)	Molyb- denum, water, unfltrd recover -able, μg/L (01062)	Nickel, water, unfltrd recover -able, μg/L (01067)	Selen- ium, water, unfltrd recover -able, μg/L (01147)	Silver, water, unfltrd recover -able, μg/L (01077)	Zinc, water, unfltrd recover -able, μg/L (01092)	1-Naph- thol, water, fltrd 0.7u GF μg/L (49295)	2,4-D plus 2,4-D, water, fltrd, μg/L as 2,4-D (50470)	2,4-D methyl water, fltrd, μg/L (66496)	2,4-D methyl water, fltrd, μg/L (39732)
Dec													
11...	41	E.04	15.6	<.010	<.1	.20	E.07	<.02	<2.0	--	--	--	--
11...	41	E.04	15.6	<.010	<.1	.23	E.06	<.02	<2.0	--	--	--	--
Feb													
13...	974	1.80	239	E.008	<.1	.55	.12	<.02	6.8	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
30...	899	1.30	144	E.006	.2	.45	.18	<.02	2.0	<.04	<.040	<.02	<.02
Aug													
27...	3,300	15.8	935	.018	.1	1.2	.18	.05	11.0	--	--	--	--
Sep													
06...	1,650	2.78	223	E.010	M	.65	.11	E.01	6.9	--	--	--	--

## 0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 4 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	2,4-DB, water, filtrd, 0.7u GF	2,6-Di- ethyl- aniline water, filtrd 0.7u GF	2-Chloro- -2',6'- diethyl acet- anilide wat flt (61618)	CIAT, water, filtrd, (04040)	CEAT, water, filtrd, (04038)	2-Ethyl- -6- methyl- aniline water, filtrd, (61620)	OIET, water, filtrd, (50355)	3,4-Di- chloro- aniline water, filtrd, (61625)	3,5-Di- chloro- aniline water, filtrd, (61627)	3-Hydroxy- carbo- furan, wat flt 0.7u GF (49308)	4-Chloro- 2methyl phenol, water, filtrd, (61633)	Aceto- chlor, water, filtrd, (49260)	Aci- fluor- fen, water, filtrd 0.7u GF
Dec													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
30...	<.02	<.002	<.010	E.013	<.08	<.010	.065	<.006	<.008	<.040	<.005	<.006	<.040
Aug													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 5 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Ala- chlor, water, filtrd, 0.7u GF	Aldi- carb sulfone water, filtrd 0.7u GF	Aldi- carb sulf- oxide, wat flt 0.7u GF	Aldi- carb, water, filtrd 0.7u GF	alpha- Endo- sulfan, water, filtrd, 0.7u GF	alpha- HCH, water, filtrd, 0.7u GF	Atra- zine, water, filtrd, (34253)	Azin- phos- methyloxon, water, filtrd, (39632)	Azin- phos- methyl water, filtrd, 0.7u GF (61635)	Bendio- carb, water, filtrd, (82686)	Ben- flur- alin, water, filtrd 0.7u GF (50299)	Benomyl water, filtrd, (82673)	Bensul- furone water, filtrd (50300)
Dec													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
30...	<.006	<.08	<.060	<.12	<.006	<.002	.014	<.04	<.120	<.04	<.004	<.040	<.06
Aug													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 6 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Benz-tazon, water, fltrd 0.7u GF	Bromo-cil, water, fltrd 0.7u GF	Brom-oxynil, water, fltrd 0.7u GF	Butyl-ate, water, fltrd 0.7u GF	Caf-feine, water, fltrd 0.7u GF	Car-baryl, water, fltrd 0.7u GF	Carbo-furan, water, fltrd 0.7u GF	Chlor-amben, methyl ester, water, fltrd, 0.7u GF	Chlori-muron-ethyl, water, fltrd, 0.7u GF	Chloro-pyrifos, water, fltrd, 0.7u GF	cis-Per-methrin, water, fltrd, 0.7u GF	cis-Propi-conazole, water, fltrd, 0.7u GF	Clopyr-alid, water, fltrd 0.7u GF
	µg/L (38711)	µg/L (04029)	µg/L (49311)	µg/L (04028)	µg/L (50305)	µg/L (49310)	µg/L (49309)	µg/L (61188)	µg/L (50306)	µg/L (38933)	µg/L (82687)	µg/L (79846)	µg/L (49305)
Dec													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
30...	<.04	<.02	<.12	<.002	<.060	<.04	<.020	<.10	<.080	<.005	<.010	<.006	<.06
Aug													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 7 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Cyana-zine, water, fltrd, 0.7u GF	Cyclo-ate, water, fltrd, 0.7u GF	Cyflu-thrin, water, fltrd, 0.7u GF	Lambda-Cyhalothrin, water, fltrd, 0.7u GF	Cyper-methrin, water, fltrd, 0.7u GF	Dacthal, mono-acid, water, fltrd 0.7u GF	DCPA, water, fltrd 0.7u GF	Desulf-inyl-fipro-nil, water, fltrd, 0.7u GF	Diazi-non, water, fltrd, 0.7u GF	Dicamba, water, fltrd, 0.7u GF	Di-chlor-prop, water, fltrd, 0.7u GF	Dicro-tophos, water, fltrd, 0.7u GF	Diel-drin, water, fltrd 0.7u GF
	µg/L (04041)	µg/L (04031)	µg/L (61585)	µg/L (61595)	µg/L (61586)	µg/L (49304)	µg/L (82682)	µg/L (62170)	µg/L (39572)	µg/L (38442)	µg/L (49302)	µg/L (38454)	µg/L (39381)
Dec													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
30...	<.020	<.02	<.016	<.004	<.014	<.02	<.003	<.012	<.005	<.04	<.02	<.08	<.009
Aug													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 8 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Dimethoate, water, fltrd 0.7u GF	Dinoseb water, fltrd 0.7u GF	Diphenamid, water, fltrd, (04033)	Disulfoton, sulfone water, fltrd, (61640)	Disulfoton, sulfone water, fltrd, 0.7u GF	Diuron, water, fltrd 0.7u GF	Endosulfan sulfate water, fltrd, 0.7u GF	EPTC, water, fltrd 0.7u GF	Ethalfluralin, water, fltrd 0.7u GF	Ethion monoxon water, fltrd, 0.7u GF	Ethoprop, water, fltrd, 0.7u GF	Fenamiphos sulfone water, fltrd, (61645)	Fenamiphos sulfide, water, fltrd, (61646)
Dec													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
30...	<.006	<.04	<.04	<.01	<.04	<.04	<.022	<.002	<.009	<.02	<.012	<.053	<.20
Aug													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 9 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Desulfuryl-fipronil, water, fltrd, 0.7u GF	Fenuron water, fltrd, (49297)	Fipro-nil amide, water, fltrd, (62169)	Fipro-nil sulfide water, fltrd, (62167)	Fipro-nil sulfone water, fltrd, (62168)	Fipro-nil water, fltrd, (62166)	Flumetsulam, water, fltrd, 0.7u GF	Fluometuron water, fltrd, (38811)	Fonofos water, fltrd, (40495)	Hexazinone, water, fltrd, (04025)	Imazquin, water, fltrd, (50356)	Imazethapyr, water, fltrd, (50407)	Imidacloprid water, fltrd, (61695)
Dec													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
30...	<.03	<.04	<.029	<.013	<.024	<.020	<.06	<.04	<.010	<.008	<.04	<.04	<.060
Aug													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 10 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Ipro-dione, water, filtrd, μg/L (61593)	Isofen-phos, water, filtrd, μg/L (61594)	Lindane water, filtrd, μg/L (39341)	Linuron water, filtrd, 0.7u GF (38478)	Malaoxon, water, filtrd, μg/L (61652)	Malathion, water, filtrd, μg/L (39532)	MCPA, water, filtrd, 0.7u GF (38482)	MCPB, water, filtrd, 0.7u GF (38487)	Metalexyl, water, filtrd, μg/L (50359)	Methidathion, water, filtrd, μg/L (61598)	Methio-carb, water, filtrd, 0.7u GF (38501)	Methomyl, water, filtrd, 0.7u GF (49296)	Methyl para-oxon, water, filtrd, μg/L (61664)
Dec													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
30...	<.01	<.006	<.006	<.02	<.020	<.016	<.06	<.06	<.02	<.004	<.040	<.120	<.01
Aug													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 11 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Methyl para-thion, water, filtrd, 0.7u GF μg/L (82667)	Metola-chlor, water, filtrd, μg/L (39415)	Metribuzin, water, filtrd, μg/L (82630)	Metsulfuron-methyl, water, filtrd, μg/L (61697)	Moli-nate, water, filtrd, 0.7u GF μg/L (82671)	Myclobutanil, water, filtrd, μg/L (61599)	N-(4-Chlorophenyl)-N'-methylurea, water, filtrd, μg/L (61692)	Napropamide, water, filtrd, 0.7u GF μg/L (82684)	Neburon, water, filtrd, 0.7u GF μg/L (49294)	Nicosulfuron, water, filtrd, 0.7u GF μg/L (50364)	Norflurazin, water, filtrd, 0.7u GF μg/L (49293)	Oryzalin, water, filtrd, 0.7u GF μg/L (49292)	Oxamyl, water, filtrd, 0.7u GF μg/L (38866)
Dec													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
30...	<.008	<.010	<.012	<.14	<.002	<.010	<.12	<.018	<.02	<.10	<.02	<.04	<.12
Aug													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 12 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Oxy-fluor-fen, water, filtd, µg/L (61600)	p,p'-DDE, water, filtd, µg/L (34653)	Para-thion, water, filtd, µg/L (39542)	Peb-ulate, water, filtd, 0.7u GF µg/L (82669)	Meth-alin, water, filtd, 0.7u GF µg/L (82683)	Phorate, oxon, water, filtd, 0.7u GF µg/L (61666)	Phorate, water, filtd, 0.7u GF µg/L (82664)	Phosmet, oxon, water, filtd, 0.7u GF µg/L (61668)	Phosmet, water, filtd, 0.7u GF µg/L (61601)	Pic-loram, water, filtd, 0.7u GF µg/L (49291)	Prometon, water, filtd, 0.7u GF µg/L (04037)	Prometryn, water, filtd, 0.7u GF µg/L (04036)	Propyzamide, water, filtd, 0.7u GF µg/L (82676)
<b>Dec</b>													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Feb</b>													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Mar</b>													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>May</b>													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Jun</b>													
30...	<.006	<.003	<.010	<.004	<.012	<.03	<.040	<.05	<.008	<.12	.03	<.006	<.004
<b>Aug</b>													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Sep</b>													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 13 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Propachlor, water, filtd, µg/L (04024)	Propanil, water, filtd, 0.7u GF µg/L (82679)	Propar-gite, water, filtd, 0.7u GF µg/L (82685)	Propham, water, filtd, 0.7u GF µg/L (49236)	Propiconazole, water, filtd, 0.7u GF µg/L (50471)	Propoxur, water, filtd, 0.7u GF µg/L (38538)	Sima-zine, water, filtd, 0.7u GF µg/L (04035)	Sulfo-muron-methyl, water, filtd, 0.7u GF µg/L (50337)	Tebu-thiuron, water, filtd, 0.7u GF µg/L (82670)	Teflu-thrin, water, filtd, 0.7u GF µg/L (61606)	Terba-cil, water, filtd, 0.7u GF µg/L (04032)	Terbufos-oxon, water, filtd, 0.7u GF µg/L (61674)	Terbu-fos, water, filtd, 0.7u GF µg/L (82675)
<b>Dec</b>													
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Feb</b>													
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Mar</b>													
28...	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>May</b>													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Jun</b>													
30...	<.006	<.006	<.04	<.040	<.04	<.040	<.006	<.060	<.02	<.005	<.040	<.04	<.02
<b>Aug</b>													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Sep</b>													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 0208524090 MOUNTAIN CREEK AT SECONDARY ROAD 1617 NEAR BAHAMA, NC—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 14 of 14

[QC, quality control sample. Remark codes: &lt;, less than; E, estimated; M, presence verified but not quantified.]

Date	Ter-buthyl-azine, water, filtrd, μg/L (04022)	Thio-bencarb water, filtrd 0.7u GF (82681)	trans-Propi-conazole, water, filtrd 0.7u GF (79847)	Tri-allate, water, filtrd 0.7u GF (82678)	Tribu-phos, water, filtrd 0.7u GF (61610)	Tri-clopyr, water, filtrd 0.7u GF (49235)	Tri-flur-alin, water, filtrd 0.7u GF (82661)	Di-chlor-vos, water, filtrd 0.7u GF (38775)	Sus-pended sediment concentra-tion mg/L (80154)	Sus-pended sediment dis-charge, tons/d (80155)	Data base number	Medium code
<b>Dec</b>												
11...	--	--	--	--	--	--	--	--	2	.00	01	WS
11...	--	--	--	--	--	--	--	--	--	--	04	WSQ
<b>Feb</b>												
13...	--	--	--	--	--	--	--	--	61	3.8	01	WS
<b>Mar</b>												
28...	--	--	--	--	--	--	--	--	7	.03	01	WS
<b>May</b>												
22...	--	--	--	--	--	--	--	--	7	.03	01	WS
<b>Jun</b>												
30...	<.01	<.010	<.02	<.006	<.035	.36	<.006	<.01	32	.08	01	WS
<b>Aug</b>												
27...	--	--	--	--	--	--	--	--	433	14	01	WS
<b>Sep</b>												
06...	--	--	--	--	--	--	--	--	105	309	01	WS