

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SAMPLING SITES

Data for mercury and related measures in water, streambed sediment, and fish tissue were collected as part of the National Water Quality Assessment Status and Trends Program. Medium codes: 9, surface water; H, bottom material; C, animal tissue.

WATER QUALITY DATA, JULY, AUGUST 2002

Date	Time	Medium code	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	LENGTH SAMPLE BIOTA TISSUE AVERAGE (CM) (01371)	WATER, PRESENT DRY WGT PERCENT (49273)	WEIGHT SAMPLE BIOTA TISSUE AVERAGE (GRAMS) (01373)	BARO-METRIC PRES-SURE (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED SATUR-ATION (00301)	PH WATER FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	
02047000 NOTTOWAY RIVER NEAR SEBRELL, VA (LAT 36 46 13N LONG 077 09 59W)														
AUG 2002	16...	1400	9	E25	--	--	--	766	6.6	85	7.3	113	29.0	7.0
	16...	1405	H	E25	--	--	--	766	6.6	85	7.3	113	29.0	--
	16...	1424	C	E25	19.4	83	138	766	6.6	85	7.3	113	29.0	--
02053490 AHOSKIE CR NEAR POORTOWN, NC (LAT 36 17 18N LONG 077 01 32W)														
JUL 2002	16...	1430	C	--	15.0	84	66.8	764	--	--	--	--	--	--
	23...	1100	9	6.3	--	--	--	764	4.7	58	6.7	119	26.5	10.5
	23...	1100	H	6.3	--	--	--	764	4.7	58	6.7	119	26.5	--
02065000 FALLING RIVER BELOW HAT CREEK NR BROOKNEAL, VA (LAT 37 04 54N LONG 078 56 07W)														
JUL 2002	31...	1230	C	11	22.7	77	149	751	9.1	120	8.4	80	28.8	--
	31...	1300	H	11	--	--	--	751	9.1	120	8.4	80	28.8	--
	31...	1305	9	11	--	--	--	751	9.1	120	8.4	80	28.8	1.7
0208412725 GRINDLE CREEK AT US 264 AT PACTOLUS, NC (LAT 35 37 28N LONG 077 13 16W)														
JUL 2002	23...	1420	C	--	29.7	81	358	--	--	--	--	--	--	--
	25...	1200	9	9.9	--	--	--	763	8.1	100	6.7	153	25.9	27.6
	25...	1205	H	9.9	--	--	--	763	8.1	100	6.7	153	25.9	--
0208539150 FLAT RIVER AT SR 1737 NR RED MOUNTAIN, NC (LAT 36 14 31N LONG 078 54 21W)														
JUL 2002	11...	1122	C	E.20	29.0	81	304	752	4.5	56	7.2	106	25.3	--
	11...	1200	9	E.20	--	--	--	752	4.5	56	7.2	106	25.3	.9
	11...	1200	H	E.20	--	--	--	752	4.5	56	7.2	106	25.3	--
02087324 CRABTREE CREEK AT US 1 AT RALEIGH, NC (LAT 35 48 40N LONG 078 36 43W)														
JUL 2002	10...	1030	C	12	30.8	81	357	--	6.1	--	--	--	--	--
	16...	1030	9	32	--	--	--	758	6.1	72	7.0	178	23.2	12.1
	16...	1030	H	32	--	--	--	758	6.1	72	7.0	178	23.2	--
02087359 WALNUT CREEK AT SUNNYBROOK DRIVE NR RALEIGH, NC (LAT 35 45 30N LONG 078 34 58W)														
JUL 2002	12...	1230	C	21	22.6	--	137	--	--	--	--	--	--	--
	16...	1230	9	6.0	--	--	--	758	6.1	74	7.2	138	25.0	7.8
	16...	1230	H	6.0	--	--	--	758	6.1	74	7.2	138	25.0	--

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WATER QUALITY DATA, JULY, AUGUST 2002

Date	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MERCURY WATER, FLTRD REC, (NG/L) (50287)	MERCURY METHYL, WATER, FLTRD REC, (NG/L) (50285)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)
02047000 NOTTOWAY RIVER NEAR SEBRELL, VA (LAT 36 46 13N LONG 077 09 59W)								
AUG 2002								
16...	4.9	--	.97	E.05	--	--	--	--
16...	--	--	--	--	--	--	48	100
16...	--	.958	--	--	--	--	--	--
02053490 AHOSKIE CR NEAR POORTOWN, NC (LAT 36 17 18N LONG 077 01 32W)								
JUL 2002								
16...	--	1.4	--	--	--	--	--	--
23...	7.9	--	5.51	.54	95	25	--	--
23...	--	--	--	--	--	--	6	100
02065000 FALLING RIVER BELOW HAT CREEK NR BROOKNEAL, VA (LAT 37 04 54N LONG 078 56 07W)								
JUL 2002								
31...	--	1.4	--	--	--	--	--	--
31...	--	--	--	--	--	--	7	100
31...	3.5	--	.87	.07	90	3.0	--	--
0208412725 GRINDLE CREEK AT US 264 AT PACTOLUS, NC (LAT 35 37 28N LONG 077 13 16W)								
JUL 2002								
23...	--	4.1	--	--	--	--	--	--
25...	5.7	--	1.28	.11	59	19	--	--
25...	--	--	--	--	--	--	4	100
0208539150 FLAT RIVER AT SR 1737 NR RED MOUNTAIN, NC (LAT 36 14 31N LONG 078 54 21W)								
JUL 2002								
11...	--	2.0	--	--	--	--	--	--
11...	4.8	--	1.12	.08	83	10	--	--
11...	--	--	--	--	--	--	2	100
02087324 CRABTREE CREEK AT US 1 AT RALEIGH, NC (LAT 35 48 40N LONG 078 36 43W)								
JUL 2002								
10...	--	1.1	--	--	--	--	--	--
16...	6.6	--	.92	.08	94	11	--	--
16...	--	--	--	--	--	--	10	100
02087359 WALNUT CREEK AT SUNNYBROOK DRIVE NR RALEIGH, NC (LAT 35 45 30N LONG 078 34 58W)								
JUL 2002								
12...	--	--	--	--	--	--	--	--
16...	4.5	--	2.38	.18	90	9.0	--	--
16...	--	--	--	--	--	--	3	100

Remark codes used in this report:

E -- Estimated value