

MISCELLANEOUS STATION ANALYSES

The following table includes data collected at ten sites in the Newfound Creek watershed, near Asheville, NC. The data were collected at low flow, in May 2003, and during a storm event, in November 2003, to examine indicator-bacteria concentrations in the Newfound Creek watershed. Samples of streambed sediment also were collected from 5 sites during low flow for analysis of Escherichia coli bacteria. Record of continuous streamflow data for Newfound Creek near Alexander can be found in the streamflow section of this report.

Date	Time	Medium code	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 uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	E coli, m-TEC MF, bed sed col/g (50466)	E coli, m-TEC MF, water, col/100 mL (31633)	Fecal coliform, M-FC col/100 mL (31616)
0345165540 NEWFOUND CR AT HAYLANDY DR NR NEWFOUND GAP, NC (LAT 35 35 13N LONG 082 45 20W)												
MAY 2003												
28...	1345	9	2.7	--	10.1	--	7.0	54	15.0	--	670	1,300
28...	1240	H	--	--	--	--	--	--	--	590	--	--
NOV 19...	0955	9	14	693	9.2	96	6.4	80	13.1	--	4,700	E2900K
0345165570 MORGAN BRANCH AT SR1220 AT NEWFOUND, NC (LAT 35 36 15N LONG 082 44 11W)												
MAY 2003												
28...	1325	9	1.3	--	9.5	--	7.2	82	16.7	--	1,800	--
NOV 19...	1020	9	9.8	698	8.8	92	6.7	116	13.7	--	16,000	--
0345165593 BROOKS BRANCH ABOVE MOUTH NR NEWFOUND, NC (LAT 35 36 46N LONG 082 44 01W)												
MAY 2003												
28...	1315	9	0.16	--	9.5	--	7.2	103	16.3	--	92	--
NOV 19...	1040	9	2.8	698	8.7	92	6.7	94	13.8	--	4,500	--
03451656 NEWFOUND CREEK AT SR1297 NEAR NEWFOUND, NC (LAT 35 36 50N LONG 082 43 09W)												
MAY 2003												
28...	1240	9	9.2	--	10.1	--	7.1	66	15.8	--	2,400	8,700
28...	1345	H	--	--	--	--	--	--	--	390	--	--
NOV 19...	1102	9	51	699	8.6	91	6.8	85	13.9	--	18,000	E11000K
0345165645 ROUND HILL BRANCH AT SR1382 NEAR LEICESTER, NC (LAT 35 38 15N LONG 082 42 57W)												
MAY 2003												
28...	1215	9	1.2	--	10.2	--	7.6	153	18.1	--	130	140
NOV 19...	1230	9	15	700	8.4	91	6.8	135	14.8	--	20,000	>6000
03451658 NEWFOUND CREEK AT SR1378 NEAR LEICESTER, NC (LAT 35 38 30N LONG 082 41 38W)												
MAY 2003												
28...	1145	9	14	--	10.3	--	7.4	86	15.7	--	1,100	1,400
28...	1145	H	--	--	--	--	--	--	--	E580K	--	--
NOV 19...	1152	9	88	701	8.5	90	6.6	111	14.4	--	22,000	E29000
03451661 SLUDER BRANCH AT MOUTH NEAR LEICESTER, NC (LAT 35 39 10N LONG 082 40 15W)												
MAY 2003												
28...	1100	9	1.8	--	10.1	--	7.4	114	15.2	--	400	--
NOV 19...	1252	9	21	703	8.1	87	6.5	117	15.0	--	E9100K	--

WATER QUALITY DATA

MISCELLANEOUS STATION ANALYSES—Continued

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03451662 NEWFOUND CR AT SR1617 NEAR LEICESTER, NC (LAT 35 38 58N LONG 082 39 46W)												
MAY 2003												
28...	1035	9	20	--	10.5	--	7.4	98	15.3	--	820	--
28...	1035	H	--	--	--	--	--	--	--	E12000K	--	--
NOV 19...	1320	9	118	703	8.2	89	6.2	110	15.0	--	E14000K	--
0345168045 DIX CREEK AT SR1622 NEAR JUNO, NC (LAT 35 39 16N LONG 082 38 39W)												
MAY 2003												
28...	0945	9	6.2	--	10.0	--	7.2	68	13.8	--	3,100	--
NOV 19...	1355	9	36	703	8.6	92	8.6	66	14.9	--	11,000	--
03451690 NEWFOUND CREEK NEAR ALEXANDER, NC (LAT 35 39 58N LONG 082 38 04W)												
MAY 2003												
28...	0840	9	--	--	9.7	--	7.2	77	14.3	--	1,300	930
28...	0840	H	--	--	--	--	--	--	--	2,200	--	--
NOV 19...	1410	9	195	705	8.2	87	7.9	105	14.8	--	27,000	24,000

Remark codes used in this table:

< -- Less than

E -- Estimated value

K -- Counts outside the acceptable range

Medium codes used in this table:

9 -- Surface water

H -- Bottom material