

## 0209173190 UNNAMED TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC—Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1999 to current year.

REMARKS.--Station operated in cooperation with the U.S. Environmental Protection Agency and the North Carolina Department of Environment and Natural Resources as part of a long-term project to develop a multimedia integrated modeling system (MIMS).

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Flow rate, instantaneous gal/min (00059)	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 unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
Date	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)
FEB 08...	7.35	10.2	10	31.8	--	14.6	121	1.1	1.2	0.73	6.60	0.014	0.41
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 07...	4.61	5.59	6	15.9	--	9.6	70	1.2	1.2	0.33	4.00	E.006	0.86
MAR 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR 08...	5.05	7.76	10	24.4	--	10.7	90	1.3	1.4	0.72	4.31	0.018	0.58
MAY 06...	10.9	5.20	9	14.9	4.6	8.3	90	1.6	1.9	0.58	5.95	0.038	1.1
MAY 20...	--	--	--	--	--	--	--	--	--	--	4.43	--	--
JUN 04...	7.39	8.82	13	25.8	--	10.9	112	2.1	2.3	1.40	6.83	0.046	0.67
JUL 02...	--	--	--	--	--	--	--	1.6	1.7	0.58	2.80	0.031	1.1
AUG 22...	6.47	7.11	10	22.0	--	8.2	91	1.9	2.0	1.10	5.07	0.037	0.81

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Date	Organic nitro- gen, water, unfltrd mg/L (00605)	Ortho- phos- phate, water, fltrd, mg/L (00660)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Total nitro- gen, water, fltrd, mg/L (00602)	Total nitro- gen, water, unfltrd mg/L (00600)	Organic carbon, water, fltrd, mg/L (00681)	Iron, water, fltrd, ug/L (01046)
FEB 08...	0.46	--	E.01	0.013	0.030	7.7	7.8	--	265
18...	--	--	--	--	--	--	--	--	--
MAR 07...	0.84	--	E.01	0.030	0.065	5.2	5.2	18.2	431
21...	--	--	--	--	--	--	--	--	--
APR 08...	0.66	--	E.01	0.024	0.063	5.6	5.7	--	505
MAY 06...	1.3	0.319	0.10	0.136	0.28	7.6	7.9	--	371
20...	--	--	--	--	--	--	--	--	--
JUN 04...	0.95	--	--	0.032	0.096	8.9	9.2	9.5	540
JUL 02...	1.1	--	E.09	0.150	0.30	4.4	4.5	--	--
AUG 22...	0.89	0.089	0.03	0.039	0.092	7.0	7.1	--	840