

## 0209173150 UNNAMED TRIBUTARY TO SANDY RUN AT SECONDARY ROAD 1335 NEAR LIZZIE, NC

LOCATION.--Lat 35°31'04", long 77°33'51", Greene County, Hydrologic Unit 03020203, at Secondary Road 1335, approximately 6.0 mi south of Farmville.  
 DRAINAGE AREA.--0.34 mi<sup>2</sup>

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)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC uS/cm (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO <sub>3</sub> (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium water, fltrd, mg/L (00925)	Potassium water, fltrd, mg/L (00935)	
FEB 08...	1535	137	768	9.8	80	5.0	186	--	6.8	50	13.7	3.91	5.61	
18...	1700	428	--	9.8	--	4.9	128	--	6.6	--	--	--	--	
MAR 07...	1115	636	775	9.3	70	5.0	101	--	3.8	24	6.33	2.08	3.60	
21...	1145	2,140	758	6.9	68	4.2	70	--	15.0	--	--	--	--	
APR 08...	1530	176	773	9.2	82	5.2	125	9.5	11.4	32	8.69	2.54	3.34	
MAY 06...	1310	1,100	764	6.9	76	5.6	103	31.0	19.6	26	6.41	2.34	7.09	
20...	0940	566	773	6.5	65	5.7	84	24.5	15.8	--	--	--	--	
JUN 04...	1105	83.0	763	7.0	74	5.9	139	25.0	18.8	40	11.0	3.02	4.40	
JUL 02...	1655	152	763	6.8	78	6.5	177	26.0	22.0	--	--	--	--	
AUG 22...	1145	117	767	6.1	72	5.7	119	33.0	24.4	33	8.94	2.50	4.15	
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Date		Sodium, water, fltrd, mg/L (00930)	Alka- linity, wat flt fxd end lab, mg/L as CaCO <sub>3</sub> (29801)	Chlor- ide, 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)	Organic nitrogen, water, unfltrd mg/L (00605)
FEB 08...	7.81	4	27.2	--	14.1	99	0.51	0.56	<0.04	5.37	<0.008	--	--	
18...	--	--	--	--	--	--	--	--	--	--	--	--	--	
MAR 07...	4.12	2	11.2	--	9.7	50	0.84	0.94	<0.04	2.43	0.051	--	--	
21...	--	--	--	--	--	--	--	--	--	--	--	--	--	
APR 08...	5.41	3	16.9	--	10.0	61	0.63	0.75	0.07	2.79	E.005	0.57	0.69	
MAY 06...	3.33	4	10.0	4.3	6.7	60	1.3	1.5	0.27	3.68	0.028	1.1	1.3	
20...	--	--	--	--	--	--	--	--	--	2.60	--	--	--	
JUN 04...	5.65	3	19.5	--	11.0	74	0.79	0.87	0.13	3.70	E.004	0.66	0.74	
JUL 02...	--	--	--	--	--	--	0.87	1.0	<0.04	6.21	0.008	--	--	
AUG 22...	4.67	2	16.0	--	8.4	60	0.93	1.1	0.10	2.82	E.007	0.83	1.0	

## NEUSE RIVER BASIN

0209173150 UNNAMED TRIBUTARY TO SANDY RUN AT SECONDARY ROAD 1335 NEAR LIZZIE, NC—Continued

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

Date	Ortho-phosphate, water, fltrd, mg/L (00660)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Organic carbon, water, fltrd, mg/L (00681)	Iron, water, fltrd, ug/L (01046)
FEB 08...	--	E.01	0.014	0.031	5.9	5.9	--	229
18...	--	--	--	--	--	--	--	--
MAR 07...	--	E.01	0.026	0.052	3.3	3.4	22.2	420
21...	--	--	--	--	--	--	--	--
APR 08...	--	E.01	0.027	0.050	3.4	3.5	--	455
MAY 06...	0.258	0.08	0.117	0.19	5.0	5.2	--	527
20...	--	--	--	--	--	--	--	--
JUN 04...	--	E.01	0.031	0.078	4.5	4.6	15.1	788
JUL 02...	--	<0.09	0.052	0.175	7.1	7.3	--	--
AUG 22...	0.080	0.03	0.037	0.095	3.7	3.9	--	1,370