

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

LOCATION.--Lat 35°31'03", long 77°33'52", Greene County, Hydrologic Unit 03020203, at Secondary Road 1335, approximately 6.0 mi south of Farmville.

DRAINAGE AREA.--0.34 mi²

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

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources and the U.S. Environmental Protection Agency to examine nutrient loadings as part of the Lizzie research site water-quality monitoring project.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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)	Specific conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
OCT 03...	1045	36.9	773	7.4	74	6.1	183	15.0	15.3	--	--	--	--
FEB 11...	1055	37.5	770	10.4	86	6.0	136	13.0	7.7	36	10.1	2.64	2.91
AUG 15...	1235	360	768	6.8	75	5.1	161	22.0	20.9	42	12.1	2.96	7.45
AUG 17...	1205	205	--	6.4	--	4.8	164	--	21.7	--	--	--	--

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	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)	Orthophosphate, water, fltrd, mg/L as P (00671)
OCT 03...	--	--	--	--	--	.56	.62	.13	3.80	E.005	.43	.50	E.01
FEB 11...	6.27	3	20.2	12.1	69	.37	.42	.09	2.95	<.008	.28	.33	<.02
AUG 15...	5.52	4	16.6	23.1	87	.76	.86	<.04	3.88	<.008	--	--	.03
AUG 17...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	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)
OCT 03...	.025	.080	4.4	4.4	--	--
FEB 11...	.012	.042	3.3	3.4	5.5	327
AUG 15...	.047	.088	4.6	4.7	--	271
AUG 17...	--	--	--	--	--	--