



Water-Data Report 2006

353110077330901 TILE DRAIN (MS4-T1) MIDDLE SWAMP TRIBUTARY NEAR WILLOW GREEN, NC

Neuse Basin
Contentnea Subbasin

LOCATION.--Lat 35°31'10", long 77°33'09" referenced to North American Datum of 1983, Greene County, NC, Hydrologic Unit 03020203, approximately 0.25 mi east of Secondary Road 1345 and 1.1 mi west-northwest of Willow Green.

DRAINAGE AREA.--Not applicable

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2000-01, 2003-04, 2006.

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 from subsurface tile drains as part of the Lizzie research site water-quality monitoring project.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chlor- ide, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)
Jul 25...	1400	6.3	78	4.0	212	25.4	17.0	4.26	4.12	4.17	14.5	18.8	E.007

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

Date	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Organic carbon, water, fltrd, mg/L (00681)	Iron, water, fltrd, ug/L (01046)
Jul 25...	11.5	<.002	9.91	<.006	.005	1.3	E5