

Water-Data Report 2008

0208701630 HOLMAN CREEK TRIBUTARY AT SECONDARY ROAD 1132 AT STEM, NC (H-2)

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 36°12'14", long 78°43'06" referenced to North American Datum of 1983, Granville County, NC, Hydrologic Unit 03020201, .3 mi north of Stem.

DRAINAGE AREA.--0.42 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--September 2005, December 2006, February 2008 to April 2008.

COOPERATION.--Station operated in cooperation with the U.S. Army Corps of Engineers to characterize water-quality conditions upstream from Lake Rogers.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd, mg/L as P (00665)	Suspended sediment concentration mg/L (80154)
Sep 08...	0940	.00	1.4	14	6.9	213	17.7	.344	.019	1.31	<.030	.21	279

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 1 of 2
[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd, mg/L as P (00665)	Suspended sediment concentration mg/L (80154)
Dec 05...	1045	5.6	11.0	94	7.3	59	8.2	.032	.109	1.08	<.030	.17	762

0208701630 HOLMAN CREEK TRIBUTARY AT SECONDARY ROAD 1132 AT STEM, NC (H-2)—Continued

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

Part 2 of 2

[Remark codes:
<, less than.]

Date	Sus- pended sedi- ment dis- charge, tons/d (80155)
Dec 05...	12

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 2

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

Date	Time	Instan- taneous dis- charge, cfs (00061)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf μ S/cm 25 degC (00095)	Temper- ature, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Total nitro- gen, wat unf by anal ysis, mg/L (62855)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L as P (00665)	Sus- pended sedi- ment concen- tration mg/L (80154)
Feb 14...	1000	.24	11.3	88	5.7	98	4.6	<.020	.07	.52	.006	.04	13
Mar 05...	0850	2.2	9.7	89	5.5	63	10.4	<.020	.19	1.13	.014	.09	611
Apr 28...	1240	1.4	8.4	88	6.2	57	16.9	E.013	<.04	.86	.011	.06	27

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DATA
WATER YEAR
OCTOBER 2007 TO
SEPTEMBER 2008**

Part 2 of 2

[Remark codes:

<, less than;

E, estimated.]

Date	Sus- pended sedi- ment dis- charge, tons/d (80155)
Feb	
14...	.01
Mar	
05...	3.6
Apr	
28...	.10
