



Water-Data Report 2008

0208701800 HOLMAN CREEK AT SECONDARY ROAD 1127 AT CREEDMOOR, NC (H-8)

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 36°08'11", long 78°41'50" referenced to North American Datum of 1983, Granville County, NC, Hydrologic Unit 03020201, 1.4 mi northwest of Creedmoor.

DRAINAGE AREA.--9.59 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--September 2005, December 2005, 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**

Part 1 of 2

[QC, quality control sample. Remark codes: <, less than.]

Date	Time	Sample medium and type	Instan- taneous dis- charge, cfs (00061)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd std units (00400)	Specif- ic conduc- tance, wat un- ftrd μS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)
Sep									
08...	1305	Surface water, regular	2.2	2.2	26	7.0	155	22.9	.017
08...	1305	QC - Surface water, replicate	--	2.2	26	7.0	155	22.9	--
08...	1310	QC - Artificial, blank	--	--	--	--	--	--	<.010

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 2 of 2

[QC, quality control sample. Remark codes: <, less than.]

Date	Nitrate + nitrite water fltrd, mg/L as N (00631)	Total nitro- gen, wat un- ftrd, 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)	Sus- pended sedi- ment dis- charge, tons/d (80155)	Data base number	Medium code
Sep								
08...	<.080	1.69	<.030	.17	25	.15	01	WS
08...	--	--	--	--	--	--	04	WSQ
08...	<.080	<.06	<.030	<.004	--	--	04	OAQ

0208701800 HOLMAN CREEK AT SECONDARY ROAD 1127 AT CREEDMOOR, NC (H-8)—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd std units (00400)	Specific conductance, wat unfltrd, μ S/cm 25 degC (00095)	Temperature, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Total nitrogen, wat unfltrd, 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...	1245	.00	9.7	84	5.5	398	8.3	.475	.149	1.50	<.030	.063	14

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 2

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Time	Sample medium and type	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd std units (00400)	Specific conductance, wat unfltrd, μ S/cm 25 degC (00095)	Temperature, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)
Feb 15...	1130	Surface water, regular	--	8.4	68	5.8	164	6.5	<.020
Mar 05...	1530	Surface water, regular	--	6.3	63	5.6	102	14.9	E.013
Mar 05...	1540	QC - Artificial, blank	--	--	--	--	--	--	<.020
Apr 28...	1905	Surface water, regular	25	1.6	18	6.4	103	20.5	.242

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 2

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Total nitrogen, wat unfltrd, 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)	Suspended sediment discharge, tons/d (80155)	Data base number	Medium code
Feb 15...	<.04	.56	E.004	E.01	4	--	01	WS
Mar 05...	.19	1.23	.006	.10	80	--	01	WS
Mar 05...	<.04	<.06	<.006	<.02	--	--	04	OAQ
Apr 28...	<.04	1.88	.018	.15	15	1.0	01	WS