

Water-Data Report 2008

02152445 KNOB CREEK NEAR LAWNDAL, NC

Santee Basin
Upper Broad Subbasin

LOCATION.--Lat 35°26'53", long 81°34'10" referenced to North American Datum of 1983, Cleveland County, NC, Hydrologic Unit 03050105, at bridge on Secondary Road 1641, 2.5 miles north of Lawndale, and 2.5 miles upstream from mouth.

DRAINAGE AREA.--33.3 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March to September 2008.

REMARKS.--Station operated in cooperation with the Cleveland County Sanitary District to characterize the total sediment load in the First Broad River basin upstream of the proposed reservoir north of Lawndale and downstream of the proposed dam location.

WATER-QUALITY DATA WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 2

[QC, quality control sample]

Date	Time	Sample medium and type	Instan- taneous dis- charge, cfs (00061)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)	Bedload sedi- ment, sieve diametr percent <.063mm (80226)	Bedload sedi- ment, sieve diametr percent <.125mm (80227)	Bedload sedi- ment, sieve diametr percent <.25mm (80228)
Mar									
19...	1536	Surface water, regular	26	68	7	.48	--	--	--
Aug									
26...	1500	QC - Surface water, replicate	9.7	94	26	.68	--	--	--
26...	1501	Surface water, regular	9.7	96	26	.68	--	--	--
26...	1523	Surface water, regular	9.7	--	--	--	.0	3	14
27...	1624	Surface water, regular	67	89	171	31	--	--	--
27...	1652	Surface water, regular	67	--	--	--	.0	1	14

02152445 KNOB CREEK NEAR LAWNDAL, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 2

[QC, quality control sample]

Date	Bedload sedi- ment, sieve diametr percent <.5 mm (80229)	Bedload sedi- ment, sieve diametr percent <1 mm (80230)	Bedload sedi- ment, sieve diametr percent <2 mm (80231)	Bedload sedi- ment, sieve diametr percent <4 mm (80232)	Loca- tion in X-sect. looking downstrm ft from l bank (00009)	Sam- pling method, code (82398)	Type of repli- cate, code (99105)	Data base number	Medium code
Mar									
19...	--	--	--	--	--	10	--	01	WS
Aug									
26...	--	--	--	--	15.0	30	10.00	04	WSQ
26...	--	--	--	--	--	10	--	01	WS
26...	62	100	--	--	--	1000	--	01	WS
27...	--	--	--	--	--	10	--	01	WS
27...	61	91	100	100	--	1000	--	01	WS