353114077334902 Local number GR-195, PT1-3B

Surficial aquifer system
Post Miocene (Quaternary + Pliocene) Rocks

Greene County, NC

LOCATION.--Lat 35°31′14″, long 77°33′49″ referenced to North American Datum of 1983, Greene County, NC, Hydrologic Unit 03020203, near Lizzie, north of Secondary Road 1335 and west of Secondary Road 1345. Owner: U.S. Geological Survey.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 7.5 ft. Upper casing diameter 0.25 in.

DATUM.--Land-surface datum is 57.52 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 2006 to October 2006.

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

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 1 of 3
[Remark codes: <, less than.]

Date	Time	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	pH, water, unfltrd field, 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 + org-N, water, fltrd, mg/L as N (00623)
Mar													
29...	1345	.7	6	5.7	220	12.8	--	--	--	--	--	--	.45
Jul													
25...	1745	1.4	16	4.2	175	21.4	12.4	2.29	3.67	8.76	18.9	30.4	1.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 2 of 3
[Remark codes: <, less than.]

Date	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)	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)
Mar							
29...	<.04	1.83	--	--	.007	--	--
Jul							
25...	.064	.16	<.002	<.006	.011	.7	485

353114077334902 Local number GR-195, PT1-3B—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 3
[Remark codes: <, less than.]

Date	Time	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	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)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)
Oct												
24...	1410	2.1	22	4.3	206	16.4	.22	<.020	1.68	<.002	<.006	.007