



Water-Data Report 2009

345339077323701 Local number ON-268, AT RICHLANDS, NC

Northern Atlantic Coastal Plain aquifer system
 Black Creek Aquifer
 Onslow County, NC

LOCATION.--Lat 34°53'39", long 77°32'37" referenced to North American Datum of 1927, Onslow County, NC, Hydrologic Unit 03030001, .11 mi south of Secondary Road 1308, at Richlands, NC.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 535 ft. Upper casing diameter 10 in; top of first opening 470 ft, bottom of last opening 530 ft.

PERIOD OF RECORD.--Water year 2009.

REMARKS.--Well sampled as part of the Onslow County groundwater study.

**WATER-QUALITY DATA
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 2

Date	Time	Baro- metric pres- sure, mm Hg (00025)	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- f μS/cm @ 25 degC (00095)	Temper- ature, deg C (00010)	Dis- solved solids, sum of consti- tuents, mg/L (70301)	Hard- ness, mg/L as CaCO3 (00900)	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)
Jun 18...	1345	756	.4	4	8.5	588	20.6	335	9	1.90	1.01	8.19	131

**WATER-QUALITY DATA
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 2 of 2

Date	Alka- linity, wat flt Gran, field, mg/L as CaCO3 (29802)	Bicar- bonate, wat flt Gran titr., field, mg/L (63786)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Iron, water, fltrd, μg/L (01046)	Mangan- ese, water, fltrd, μg/L (01056)
Jun 18...	295	360	4.92	1.16	9.93	.47	30	99.0