Water-Data Report 2011

385254076201902 Local number QA Fa 83

Northern Atlantic Coastal Plain aquifer system
Aquia Formation

Queen Annés County, MD

LOCATION.--Lat 38°52′54″, long 76°20′19″ referenced to North American Datum of 1927, Queen Annés County, MD, Hydrologic Unit 02060002.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 290 ft. Upper casing diameter 6 in; top of first opening 220 ft, bottom of last opening 260 ft.

DATUM.--Land-surface datum is 5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

PERIOD OF RECORD.--Intermittent water-quality samples collected from Water Year 2008 to current year.

COOPERATION.--Samples and field data were collected by the Maryland Geological Survey.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 1 of 2
[mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	Medium name	Sample type	pH, water, unfiltered, field, standard units (00400)	Specific conduc-tance, water, unfiltered, µS/cm at 25 °C (00095)	Tempera-ture, water, °C (00010)	Sampler type (84164)	Sampling method (82398)
10-13-2010	**1245**	Groundwater	Regular	8.2	462	19.8	Sbmrsbl pos pressure	Submersible pump
07-25-2011	**1400**	Groundwater	Regular	8.0	462	23.0	--	Grab smp tap wat sup

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 2 of 2
[mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	Chloride, water, filtered, mg/L (00940)
10-13-2010	**1245**	13.9
07-25-2011	**1400**	13.7