Water-Data Report 2011

390033076184501 Local number QA Db 23

Northern Atlantic Coastal Plain aquifer system
Aquia Formation

Queen Annés County, MD

LOCATION.--Lat 39°00′33″, long 76°18′45″ referenced to North American Datum of 1927, Queen Annés County, MD, Hydrologic Unit 02060002.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 185 ft. Upper casing diameter 4 in; top of first opening 165 ft, bottom of last opening 185 ft.

DATUM.--Land-surface datum is 18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

PERIOD OF RECORD.--Intermittent water-quality samples collected from Water Year 1983 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)
10-12-2010	**1306**	Groundwater	Regular	7.2	434	15.6	Sbmrsbl pos pressure	Submersible pump
07-19-2011	**1300**	Groundwater	Regular	7.2	430	16.7	--	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)
10-12-2010	**1306**	16.2
07-19-2011	**1300**	15.6