



Water-Data Report 2011

385912076182601 Local number QA Eb 159

Northern Atlantic Coastal Plain aquifer system
Aquia Formation

Queen Annés County, MD

LOCATION.--Lat 38°59'11", long 76°18'24" referenced to North American Datum of 1927, Queen Annés County, MD, Hydrologic Unit 02060002.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 485 ft. Upper casing diameter 4 in; top of first opening 465 ft, bottom of last opening 485 ft.

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft above land-surface datum, Oct. 28, 1997, to present.

PERIOD OF RECORD.--Intermittent water-quality samples collected from Water Year 1998 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

[°C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter]

Date	Sample start time	Medium name	Sample type	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Sampler type (84164)	Sampling method (82398)
06-24-2011	0915	Groundwater	Regular	7.8	361	17.4	Sbmrsbl pos pressure	Submersible pump

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO
SEPTEMBER 2011**

Part 2 of 2

[°C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter]

Date	Sample start time	Arsenic, water, unfiltered, µg/L (01002)
06-24-2011	0915	.34