



Water-Data Report 2011

**392540075594401 Local number CE Dd 128**

Northern Atlantic Coastal Plain aquifer system  
Upper Patapsco Aquifer In the Patapsco Formation

Cecil County, MD

LOCATION.--Lat 39°25'40.1", long 75°59'43.8" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, at Bay View Estates.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 128.25 ft. Upper casing diameter 4 in; top of first opening 117.92 ft, bottom of last opening 128.25 ft. Drilled observation well.

DATUM.--Land-surface datum is 25.23 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing, 0.35 ft below land-surface datum, Nov. 17, 2009, to present.

PERIOD OF RECORD.--November 2009 to March 2011.

GAGE.--Intermittent water-level measurements by U.S. Geological Survey personnel.

REMARKS.--Pearce Creek Dredge Material Containment Area groundwater study observation well CSW 8.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.73 ft above sea level, April 14, 2010; lowest measured, 3.84 ft above sea level, November 17, 2009.

**WATER SURFACE ELEVATION IN FEET NAVD 1988  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: T, electric tape. Water-level status: --, static.]

<b>Date</b>	<b>Water level</b>	<b>Measurement method</b>	<b>Water- level status</b>
Mar 18	3.94	T	--