



Water-Data Report 2011

392540075594501 Local number CE Dd 142

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

Cecil County, MD

LOCATION.--Lat 39°25'40.4", long 75°59'45.0" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, at Bay View Estates.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 89 ft. Upper casing diameter 4 in; top of first opening 79 ft, bottom of last opening 89 ft. Drilled observation well.

DATUM.--Land-surface datum is 23.55 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing, 1.67 ft above land-surface datum, April 13, 2010, to present.

PERIOD OF RECORD.--May 2010 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 8A.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.62 ft above sea level, May 3, 2010; lowest measured, 3.81 ft above sea level, March 18, 2011.

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

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

Date	Water level	Measurement method	Water- level status
Mar 18	3.81	T	--