



Water-Data Report 2011

392545075594601 Local number CE Dd 159

Northern Atlantic Coastal Plain aquifer system
Magothy Formation

Cecil County, MD

LOCATION.--Lat 39°25'44.7", long 75°59'46.0" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, at West View Shores.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 35 ft. Upper casing diameter 4 in; top of first opening 25 ft, bottom of last opening 35 ft. Drilled observation well.

DATUM.--Land-surface datum is 28.20 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing, 0.25 ft below land-surface datum, April 13, 2010, to present.

PERIOD OF RECORD.--April 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 20A.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.95 ft above sea level, April 13, 2010; lowest measured, 2.70 ft above sea level, August 13, 2010.

**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	3.03	T	--