



Water-Data Report 2011

392548075593801 Local number CE Dd 140

Northern Atlantic Coastal Plain aquifer system
Magothy Formation

Cecil County, MD

LOCATION.--Lat 39°25'48.4", long 75°59'39.1" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, at West View Shores.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 16 ft. Upper casing diameter 4 in; top of first opening 11 ft, bottom of last opening 16 ft. Drilled observation well.

DATUM.--Land-surface datum is 11.47 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing, 1.84 ft above 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 7A. Water levels may be affected by tides.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.04 ft above sea level, April 13, 2010; lowest measured, 4.35 ft above sea level, September 21, 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	5.83	T	--