

Water-Data Report 2011

392547075591702 Local number CE Dd 144

Northern Atlantic Coastal Plain aquifer system
Magothy Formation

Cecil County, MD

LOCATION.--Lat 39°25'47.1", long 75°59'17.2" referenced to North American Datum of 1983, Cecil County, MD, Hydrologic Unit 02060002, at U.S. Army Corps of Engineers Pearce Creek Dredge Material Containment Area.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 27 ft. Upper casing diameter 4 in; top of first opening 22 ft, bottom of last opening 27 ft. Drilled observation well.

DATUM.--Land-surface datum is 28.12 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing, 2.88 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 9A.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.41 ft above sea level, March 18, 2011; lowest measured, 15.91 ft above sea level, August 17, 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	20.41	T	--