

Water-Data Report 2011

**392603075585602 Local number CE Dd 145**

Northern Atlantic Coastal Plain aquifer system  
Magothy Formation

Cecil County, MD

LOCATION.--Lat 39°26'03.4", long 75°58'56.3" 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 30 ft. Upper casing diameter 4 in; top of first opening 20 ft, bottom of last opening 30 ft. Drilled observation well.

DATUM.--Land-surface datum is 21.00 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing, 2.42 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 11C.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.03 ft above sea level, March 18, 2011; lowest measured, 1.22 ft above sea level, August 2, 2010 and February 14, 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	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Feb 14	1.22	T	--	Mar 18	2.03	T	--

Water year 2011 lowest: 1.22, Feb 14, 2011, highest: 2.03, Mar 18, 2011