



Water-Data Report 2011

392536075592002 Local number CE Dd 124

Northern Atlantic Coastal Plain aquifer system
Holocene Series

Cecil County, MD

LOCATION.--Lat 39°25'36.0", long 75°59'20.1" 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 22 ft. Upper casing diameter 2 in; top of first opening 21 ft, bottom of last opening 22 ft. Drilled observation well.

DATUM.--Land-surface datum is 35.82 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing, 3.04 ft above land-surface datum, Nov. 17, 2009, to present.

PERIOD OF RECORD.--November 2009 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 CSW 6.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.31 ft above sea level, January 26, 2010; lowest measured, 17.58 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; P, site was being pumped.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Feb 7	18.70	T	--	Feb 7	18.49	T	P
7	18.49	T	P	Mar 18	19.29	T	--

Water year 2011 lowest: 18.70, Feb 7, 2011, highest: 19.29, Mar 18, 2011