



Water-Data Report 2011

392603075585604 Local number CE Dd 146

Northern Atlantic Coastal Plain aquifer system
Upper Patapsco Aquifer In the Patapsco Formation

Cecil County, MD

LOCATION.--Lat 39°26'03.5", long 75°58'56.4" 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 128.5 ft. Upper casing diameter 4 in; top of first opening 118.5 ft, bottom of last opening 128.5 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, 2.41 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 11R.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.65 ft above sea level, May 3, 2010; lowest measured, 1.91 ft above sea level, 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	1.91	T	--	Mar 18	2.42	T	--

Water year 2011 lowest: 1.91, Feb 14, 2011, highest: 2.42, Mar 18, 2011