



Water-Data Report 2011

392546075581901 Local number CE Dd 133

Northern Atlantic Coastal Plain aquifer system
Magothy Formation

Cecil County, MD

LOCATION.--Lat 39°25'46.0", long 75°58'19.0" 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 53 ft. Upper casing diameter 4 in; top of first opening 48 ft, bottom of last opening 53 ft. Drilled observation well.

DATUM.--Land-surface datum is 16.00 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing, 1.40 ft above land-surface datum, April 2, 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 CSW 13.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 11.19 ft above sea level, April 2, 2010; lowest static measured, 7.07 ft above sea level, August 13, 2010. Lowest water level affected by pumping measured, 5.06 ft above sea level, June 8, 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	9.58	T	--