Water-Data Report 2011

# 392547075591701 Local number CE Dd 129

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

Cecil County, MD

LOCATION.--Lat 39°25'47.2", long 75°59'17.3" 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 125 ft. Upper casing diameter 4 in; top of first opening 114.67 ft, bottom of last opening 125 ft. Drilled observation well.

DATUM.--Land-surface datum is 28.07 ft above North American Vertical Datum of 1988. Measuring point: Top of PVC casing, 2.52 ft above land-surface datum, Nov. 9, 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 9.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.19 ft above sea level, May 3, 2010; lowest measured, 4.98 ft above sea level, November 9, 2009.

**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 | 5.28 | T | -- |



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