



Water-Data Report 2008

**364227076074706 Local number 61B 12 SOW 091E.**

Northern Atlantic Coastal Plain aquifer system  
 Patuxent Formation  
 Chesapeake City, VA

LOCATION.--Lat 36°42'27", long 76°07'47" referenced to North American Datum of 1927, Chesapeake City, VA, Hydrologic Unit 03010205, 300 ft south of Lockheed Avenue, 0.7 mi east of intersection of State Highway 165 and Lockheed Avenue, and 3.8 mi east of Fentress. Owner: Virginia Department of Environmental Quality.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 1,831 ft. Upper casing diameter 4.00 in; top of first opening 1,821 ft, bottom of last opening 1,831 ft. Drilled observation water well, diameter 2 in. from 1,626 to 1,831 ft, screened 1,821 to 1,831 ft.

DATUM.--Land-surface datum is 15 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.40 ft above land-surface datum, Mar. 6, 1989, to present.

PERIOD OF RECORD.--March 1989 to current year.

GAGE.--Occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Prior to July 6, 1995, bimonthly measurement with chalked tape.

REMARKS.--Well is located in Lower Potomac aquifer of Cretaceous age. Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by regional drawdown. Water from this well is known to contain concentrations of dissolved solids greater than 1,000 mg/L.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.50 ft below land-surface datum, June 21, 1989; lowest measured, 94.35 ft below land-surface datum, July 3, 2008.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

[Measurement method: S, steel tape. Water-level status: - , static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Nov 6	93.65	S	--	Apr 24	94.02	S	--
Feb 6	93.88	S	--	Jul 3	94.35	S	--

Water year 2008 highest: 93.65 Nov 06, 2007; lowest: 94.35 Jul 03, 2008

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