

Water-Data Report 2012

**265428080364502 Local number PB -1816S**

Surficial Aquifer System

Palm Beach County, FL

LOCATION.--Lat 26°54'27.9", long 80°36'45.3" referenced to North American Datum of 1983, Palm Beach County, FL, Hydrologic Unit 03090202, 0.6 mi south of the L-8 canal, east of the Herbert Hoover Dike along Lake Okeechobee.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 55 ft. Upper casing diameter 0.75; top of first opening 50 ft, bottom of last opening 55 ft.

DATUM.--Land-surface datum has not been surveyed to geodetic datum. Measuring point: From Oct. 26, 2011, to present, measuring point has been top of casing.

PERIOD OF RECORD.--October 2011 to current year. See REMARKS.

INSTRUMENTATION.--Bimonthly measurement with chalked steel tape or electric tape. See REMARKS.

REMARKS.--Well is also used for salinity monitoring.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL: Highest water level measured, 6.38 ft below top of casing measurement point, Dec. 13, 2011; lowest, 7.42 ft below top of casing measurement point, Aug. 20, 2012.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 9,400 mg/L, Aug. 20, 2012; lowest, 8,600 mg/L, Oct. 26, 2011, Dec. 13, 2011.

**WATER-QUALITY DATA**

**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Water level, depth below measuring point, feet (61055)	Chloride, water, unfiltered, mg/L (99220)
October 26, 2011	1027	28,300	6.78	8,600
December 13, 2011	1141	28,800	6.38	8,600
February 23, 2012	0916	29,100	6.68	8,900
April 25, 2012	0807	28,700	7.21	9,100
July 17, 2012	0849	30,400	7.19	9,200
August 20, 2012	0947	30,100	7.42	9,400