

Water-Data Report 2013

293043095053301 Local number KH-65-32-713

Coastal lowlands aquifer system
Chicot Aquifer

Galveston County, TX

LOCATION.--Lat 29°30'43", long 95°05'33" referenced to North American Datum of 1927, Galveston County, TX, Hydrologic Unit 12040204.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 710 ft. Upper casing diameter 14 in; top of first opening 440 ft, bottom of last opening 680 ft.

DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Breather, 2.3 ft above land-surface datum, Dec. 21, 2005, to present; lip of casing w/ pump removed, 1.3 ft above land-surface datum, Dec. 9, 2011, to present.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

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

Date	Water level	Measurement method	Water- level status
Jan 31	110.24	S	--

Period of record highest: 102.76, Jan 24, 2008; lowest: 120.79, Jan 7, 2002

Record available from Jan 23, 2001, to Dec 10, 2013; 14 entries

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--

CHEMICAL DATA: Feb. 1979 to current year.

WATER-QUALITY DATA**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

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

Date	Sample start time	Medium name	Flow rate of well, gallons per minute (00058)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Pump or flow period prior to sampling, minutes (72004)	Chloride, water, filtered, mg/L (00940)
09-19-2013	0841	Groundwater	600	7.8	737	23.9	20	74.6