

Water-Data Report 2013

293340095400501 Local number JY-65-27-507

Coastal lowlands aquifer system
 Evangeline Aquifer

Fort Bend County, TX

LOCATION.--Lat 29°33'38.0", long 95°40'02.5" referenced to North American Datum of 1983, Fort Bend County, TX, Hydrologic Unit 12070104.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,964 ft. Upper casing diameter 18 in; top of first opening 1,584 ft, bottom of last opening 1,944 ft.

DATUM.--Land-surface datum is 72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of breather pipe, 1.5 ft above land-surface datum, Jan. 12, 1999, to present; ½ inch airline opening, 2.25 ft above land-surface datum, Jan. 12, 1999, to present; PVC pipe, 2.8 ft above land-surface datum, Feb. 5, 2009, to present; top of 1 inch pvc tube, 3.6 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: R, site had been pumped recently.]

Date	Water level	Measurement method	Water- level status
Dec 13	279.56	S	R

Period of record highest: 250.20, Feb 18, 2004; lowest: 299.29, Dec 9, 2011

Record available from Jan 12, 1999, to Dec 3, 2013; 16 entries

293340095400501 Local number JY-65-27-507—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

CHEMICAL DATA: Aug. 2002 to current year.

WATER-QUALITY DATA**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**[mg/L, milligrams per liter; °C, degrees Celsius; μ S/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)
09-17-2013	1414	Groundwater	1,460	7.9	840	31.1	20	113