



Water-Data Report 2010

280055082222701 Local number USCE Well TBC-09 near Temple Terrace, FL.

Floridan aquifer system
 Floridan Aquifer System
 Hillsborough County, FL

LOCATION.--Lat 28°00'54.9", long 82°22'26.7" referenced to North American Datum of 1983, in SE ¼ NW ¼ SE ¼ sec.26, T.28 S., R.19 E., Hillsborough County, FL, Hydrologic Unit 03100206, 1.6 mi northwest of Intersection Interstate 4 and U.S. Highway 301, and 1.7 mi southeast of Temple Terrace.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 110 ft. Upper casing diameter 6.00 in; top of first opening 67 ft, bottom of last opening 110 ft. Drilled, observation, artesian well, diameter 6 in., depth 110 ft, cased to 68 ft.

DATUM.--Land-surface datum is 41.04 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum, Dec. 11, 1975, to present.

PERIOD OF RECORD.--June 1975 to September 2010 (discontinued).

REMARKS.--Well sampled for water quality. Prior to Oct. 1, 2010 date for the period of record lowest water level measured was published in error.

COOPERATION.--This gage is monitored in cooperation with Tampa Bay Water.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.86 ft NGVD, Feb. 5, 2009; lowest measured, 15.67 ft NGVD, May 27, 1981.

**WATER-QUALITY DATA
 WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 1 of 4

[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Color, water, filtered, platinum cobalt units (00080)	Elevation above NGVD 1929, ft (72020)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Temperature, water, °C (00010)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)
11-19-2009	1442	2	20.68	504	762	.1	7.3	24.5	80.6	8.08

**WATER-QUALITY DATA
 WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 2 of 4

[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)
11-19-2009	.83	10.9	21.4	.25	13.1	59.6	319	.062	.04	E .002

28005508222701 Local number USCE Well TBC-09 near Temple Terrace, FL.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 3 of 4

[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Aluminum, water, unfiltered, recoverable, μg/L (01105)	Arsenic, water, unfiltered, μg/L (01002)	Cadmium, water, unfiltered, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, unfiltered, recoverable, μg/L (01045)
11-19-2009	.083	.07	.12	13	1.1	.07	< .42	< 1.4	666

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Part 4 of 4

[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Lead, water, unfiltered, recoverable, μg/L (01051)	Mercury, water, unfiltered, recoverable, μg/L (71900)	Nickel, water, unfiltered, recoverable, μg/L (01067)	Strontium, water, filtered, μg/L (01080)	Zinc, water, unfiltered, recoverable, μg/L (01092)
11-19-2009	.31	< .010	.87	1,200	< 2.0