Water-Data Report 2012

282406081093601 Local number COCOA 21 NR BITHLO, FL

Floridan aquifer system
Floridan Aquifer System

Orange County, FL

LOCATION.--Lat 28°24′06″, long 81°09′36″ referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.18, T.24 S., R.32 E., Orange County, FL, Hydrologic Unit 03090101.

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 1 of 2

[$CaCO_3$, calcium carbonate; SiO_2, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter]

Date	Sample start time	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)	Hardness, water, mg/L as $CaCO_3$ (00900)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)
05-09-2012	0840	7.4	850	25.6	560	401	131	17.7	2.34	43.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 2 of 2

[$CaCO_3$, calcium carbonate; SiO_2, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter]

Date	Sample start time	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as $CaCO_3$ (39086)	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)	Strontium, water, filtered, µg/L (01080)
05-09-2012	0840	221	62.8	0.18	22.0	131	1,290

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 282406081093601, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/282406081093601.2012.pdf