Water-Data Report 2010

325917090230601 Local number A0040 YAZOO

Mississippi River Valley alluvial aquifer
Mississippi River Alluvial Aquifer

Yazoo County, MS

LOCATION.--Lat 32°59′17″, long 90°23′06″ referenced to North American Datum of 1927, in NW ¼ SE ¼ sec.10, T.13 N., R.2 W., Yazoo County, MS, Hydrologic Unit 08030206.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 116 ft. Upper casing diameter 16.00 in; top of first opening 76 ft, bottom of last opening 116 ft.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; NTRU, nephelometric turbidity ratio unit; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	ANC, water, unfiltered, inflection-point, incremental titration method, field, mg/L as CaCO3 (00419)	Bi carbonate, water, unfiltered, inflection-point, incremental titration method, field, mg/L (00450)
09-23-2010	1230	6.4	550	49	285	347

WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
[P, phosphorus; SiO2, silicon dioxide; mg/L, milligrams per liter; µg/L, micrograms per liter]

Date	Calcium, water, filtered, mg/L (00915)	Silica, water, filtered, mg/L as SiO2 (00955)	Phosphorus, water, filtered, mg/L as P (00666)	Iron, water, filtered, µg/L (01046)	Manganese, water, filtered, µg/L (01056)	Arsenic, water, filtered, µg/L (01000)
09-23-2010	69.0	44.0	.952	5,170	406	2.2