



Water-Data Report 2010

322245086181801 Local number J 123-2009 CCP-01S Monitor Well

Undefined Aquifer

Montgomery County, AL

LOCATION.--Lat 32°22'45.17", long 86°18'17.59" referenced to North American Datum of 1927, in NE ¼ NE ¼ SW ¼ sec.7, T.16 N., R.18 E., Montgomery County, AL, Hydrologic Unit 03150201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 51.96 ft.

DATUM.--Land-surface datum is 189.62 ft above National Geodetic Vertical Datum of 1929 (revised). Measuring point: MP is top of casing, 0.25 ft below land-surface datum.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[Measurement method: T, electric tape. Water-level status: R, site had been pumped recently.]

Date	Water level	Measurement method	Water- level status
May 19	36.81	T	R

Period of record highest: 36.81, May 19, 2010; lowest: 39.84, May 19, 2009

Record available from May 19, 2009, to May 19, 2010; 2 entries

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WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; U, analyzed for but not detected]

Date	Sample start time	Temperature, water, °C (00010)	Barometric pressure, mm Hg (00025)	Turbidity, water, unfiltered, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	Hydrogen ion, water, unfiltered, calculated, milligrams per liter (00191)	Carbon dioxide, water, unfiltered, milligrams per liter (00405)
05-19-2010	1405	22.4	760	.4	248	7.1	82	5.3	.00505	106

Date	ANC, water, unfiltered, inflection-point, incremental titration method, field, mg/L as CaCO ₃ (00419)	Bi-carbonate, water, unfiltered, inflection-point, incremental titration method, field, mg/L (00450)	Hydrogen sulfide, water, unfiltered, mg/L (71875)	Sulfate, water, unfiltered, field, milligrams per liter (99127)	Sulfide, water, unfiltered, field, milligrams per liter (99119)	Nitrate, water, unfiltered, field, milligrams per liter as nitrogen (99124)	Iron(II), water, unfiltered, field, milligrams per liter (99128)
05-19-2010	11	13	U	27	.000	3.5	.00

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
 [E, estimated]

Date	Sample start time	Sulfur	Trichloro-	Dichloro-	1,1,2-
		hexafluoride, water, unfiltered, recoverable, femtograms per kilogram (63149)	fluoro-methane, for age dating, water, unfiltered, recoverable, picograms per kilogram (50281)	difluoro-methane, for age dating, water, unfiltered, recoverable, picograms per kilogram (50282)	Trichloro-1,2,2-trifluoro-ethane, for age dating, water, unfiltered, recoverable, picograms per kilogram (50283)
05-19-2010	1406	244	E 7,100	E 67,000	260
05-19-2010	1407	249	E 7,200	E 52,000	240
05-19-2010	1409	--	E 7,000	E 69,000	250