



Water-Data Report 2010

**322235086182101 Local number J 132-2009 MONITOR WELL CCP-09S**

Undefined Aquifer

Montgomery County, AL

LOCATION.--Lat 32°22'34.72", long 86°18'21.15" referenced to North American Datum of 1927, in NE ¼ SW ¼ SW ¼ sec.7, T.16 N., R.18 E., Montgomery County, AL, Hydrologic Unit 03150201.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 71.76 ft.

DATUM.--Land-surface datum is 213.7 ft above National Geodetic Vertical Datum of 1929 (revised). Measuring point: MP, is top of casing, 0.29 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.]

<b>Date</b>	<b>Water level</b>	<b>Measurement method</b>	<b>Water- level status</b>
May 25	53.34	T	R

Period of record highest: 53.34, May 25, 2010; lowest: 56.52, Apr 27, 2009

Record available from Apr 27, 2009, to May 25, 2010; 2 entries

**WATER-QUALITY RECORDS**

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

[%, percent; ANC, acid neutralizing capacity; CaCO<sub>3</sub>, 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)
05-25-2010	1315	22.5	762	1.5	189	5.9	68	5.1	.00801	349

Date	ANC, water, unfiltered, inflection-point, incremental titration method, field, mg/L as CaCO <sub>3</sub> (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)
05-25-2010	22	27.1	U	27	.000	6.1	.00

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

<b>Date</b>	<b>Sample start time</b>	<b>Sulfur hexafluoride, water, unfiltered, recoverable, femtograms per kilogram (63149)</b>	<b>Trichloro-fluoro-methane, for age dating, water, unfiltered, recoverable, picograms per kilogram (50281)</b>	<b>Dichloro-difluoro-methane, for age dating, water, unfiltered, recoverable, picograms per kilogram (50282)</b>	<b>1,1,2-Trichloro-1,2,2-trifluoro-ethane, for age dating, water, unfiltered, recoverable, picograms per kilogram (50283)</b>
05-25-2010	1316	104	--	--	--
05-25-2010	1317	99.6	E 13,000	E 12,000	E 1,200,000
05-25-2010	1320	--	E 13,000	E 12,000	E 1,300,000