

Water-Data Report 2012

**301336093183003 Local number Cu- 770**

Coastal lowlands aquifer system  
500-Foot Sand of Lake Charles Area

Calcasieu Parish, LA

LOCATION.--Lat 30°13'36", long 93°18'30" referenced to North American Datum of 1927, in NW ¼ NW ¼ NE ¼ sec.5, T.10 S., R.9 W., Calcasieu Parish, LA, Hydrologic Unit 08080206.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 490 ft. Upper casing diameter 2.00 in; top of first opening 480 ft, bottom of last opening 490 ft.

DATUM.--Land-surface datum is 17.54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in. casing, 2.13 ft above land-surface datum, April 29, 1966, to present.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[Measurement method: T, electric tape. Water-level status: - - , static.]

<b>Date</b>	<b>Water level</b>	<b>Measure-ment method</b>	<b>Water-level status</b>	<b>Date</b>	<b>Water level</b>	<b>Measure-ment method</b>	<b>Water-level status</b>
Dec 16	85.05	T	--	Feb 13	83.33	T	--

Water year 2012 highest: 83.33, Feb 13, 2012; lowest: 85.05, Dec 16, 2011

Period of record highest: 83.33, Feb 13, 2012; lowest: 146.72, Jul 25, 1974

Record available from Feb 19, 1963, to Feb 13, 2012; 53 entries

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## WATER-QUALITY RECORDS

WATER-QUALITY DATA  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

[°C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; &lt;, less than; E, estimated]

Date	pH, water, unfiltered, field, standard units (00400)	Specific conduc- tance, water, unfiltered, µS/cm at 25°C (00095)	Tempera- ture, water, °C (00010)	1,2,3-Tri-	1,2-	1,2-	1,2-	1,3-Di-	1,4-	
				chloro- propane, water, unfiltered, recover- able, µg/L (77443)	Dibromo-3- chloro- propane, water, unfiltered, recover- able, µg/L (82625)	Dibromo- ethane, water, unfiltered, recover- able, µg/L (77651)	Dichloro- ethane, water, unfiltered, recover- able, µg/L (32103)	Dichloro- propane, water, unfiltered, recover- able, µg/L (34541)	chloro- propane, water, unfiltered, recover- able, µg/L (77173)	Dichloro- benzene, water, unfiltered, recover- able, µg/L (34571)
02-13-2012	8.4	349	17.9	< .120	< .400	< .028	< .08	< .0260	< .06	0.060

  

Date	3-Chloro-	Acrylo-	Bromo-		cis-1,3-Di-	Iodo-	trans-1,3-	1,1,1,2-	1,1,1-Tri-	1,1,2,2-
	propene, water, unfiltered, recover- able, µg/L (78109)	nitrite, water, unfiltered, recover- able, µg/L (34215)	methane, water, unfiltered, recover- able, µg/L (34413)	Carbon disulfide, water, unfiltered, µg/L (77041)	chloro- propene, water, unfiltered, recover- able, µg/L (34704)	methane, water, unfiltered, recover- able, µg/L (77424)	Dichloro- propene, water, unfiltered, recover- able, µg/L (34699)	Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (77562)	chloro- ethane, water, unfiltered, recover- able, µg/L (34506)	Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (34516)
02-13-2012	< .08	< .48	< .2	E 4.7	< .10	< .26	< .14	< .040	< .030	< .14

  

Date	1,1,2-Tri-	1,1,2-Tri-	1,1-Di-	1,1-Di-	1,1-Di-	1,2,3,4-	1,2,3,5-	1,2,3-Tri-	1,2,3-Tri-	1,2,4-Tri-
	chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, µg/L (77652)	chloro- ethane, water, unfiltered, recover- able, µg/L (34511)	chloro- ethane, water, unfiltered, recover- able, µg/L (34496)	chloro- ethene, water, unfiltered, recover- able, µg/L (34501)	chloro- propene, water, unfiltered, recover- able, µg/L (77168)	Tetra- methyl- benzene, water, unfiltered, recover- able, µg/L (49999)	Tetra- methyl- benzene, water, unfiltered, recover- able, µg/L (50000)	chloro- benzene, water, unfiltered, recover- able, µg/L (77613)	chloro- methyl- benzene, water, unfiltered, recover- able, µg/L (77221)	chloro- benzene, water, unfiltered, recover- able, µg/L (34551)
02-13-2012	< .022	< .046	< .044	< .022	< .040	< .10	< .080	< .06	< .060	< .08

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**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[°C, degrees Celsius;  $\mu\text{S}/\text{cm}$ , microsiemens per centimeter;  $\mu\text{g}/\text{L}$ , micrograms per liter; <, less than; E, estimated]

Date	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34536)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34566)	2,2-Di- chloro- propane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77170)	2-Chloro- toluene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77275)	2-Ethyl- toluene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77220)	4-Chloro- toluene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77277)	4-Iso- propyl- toluene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77356)	Acetone, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (81552)
02-13-2012	< .032	< .028	< .032	< .024	< .06	< .028	< .032	< .042	< .06	< 3.4

  

Date	Benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34030)	Bromo- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (81555)	Bromo- chloro- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77297)	Bromo- dichloro- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (32101)	Bromo- ethene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (50002)	Chloro- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34301)	Chloro- ethane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34311)	Chloro- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34418)	cis-1,2-Di- chloro- ethene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77093)	Dibromo- chloro- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (32105)
02-13-2012	0.012	< .022	< .06	< .034	< .12	< .026	< 2.15	< 2.7	< .022	< .12

  

Date	Dibromo- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (30217)	Dichloro- difluoro- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34668)	Dichloro- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34423)	Diethyl ether, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (81576)	Diiso- propyl ether, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (81577)	Ethyl metha- crylate, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (73570)	Ethyl methyl ketone, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (81595)	Ethyl- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34371)	Hexa- chloro- butadiene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (39702)	Hexa- chloro- ethane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34396)
02-13-2012	< .050	< .10	< .04	< .1	< .06	< .20	< 1.6	< .036	< .08	< .10

  

Date	Isobutyl methyl ketone, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (78133)	Isopropyl- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77223)	Methyl acrylate, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (49991)	Methyl acrylo- nitrile, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (81593)	Methyl metha- crylate, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (81597)	Methyl tert-butyl ether, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (78032)	Methyl tert-pentyl ether, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (50005)	m-Xylene plus p- xylene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (85795)	Naphtha- lene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34696)	n-Butyl methyl ketone, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77103)
02-13-2012	< .32	< .042	< .8	< .26	< .22	< .10	< .06	< .08	< .18	< .4

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[°C, degrees Celsius;  $\mu\text{S}/\text{cm}$ , microsiemens per centimeter;  $\mu\text{g}/\text{L}$ , micrograms per liter; <, less than; E, estimated]

Date	n-Butyl- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77342)	n-Propyl- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77224)	o-Xylene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77135)	sec-Butyl- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77350)	Styrene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77128)	tert-Butyl ethyl ether, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (50004)	tert-Butyl- benzene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (77353)	Tetra- chloro- ethene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34475)	Tetra- chloro- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (32102)	Tetra- hydro- furan, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (81607)
02-13-2012	< .08	< .036	< .032	< .034	< .042	< .032	< .060	< .026	< .06	< 1.4

Date	Toluene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34010)	trans-1,2- Dichloro- ethene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34546)	trans-1,4- Dichloro- 2-butene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (73547)	Tribromo- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (32104)	Trichloro- ethene, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (39180)	Trichloro- fluoro- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (34488)	Trichloro- methane, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (32106)	Vinyl chloride, water, unfiltered, recover- able, $\mu\text{g}/\text{L}$ (39175)
02-13-2012	< .02	< .018	< 2.0	< .10	< .022	< .06	< .03	< .06