Water-Data Report 2009

305020093003001 Local number Be-5764Z

Coastal lowlands aquifer system
Chicot Aquifer

Beauregard Parish, LA

LOCATION.--Lat 30°50′20″, long 93°00′30″ referenced to North American Datum of 1927, in sec.32, T.2 S., R.6 W., Beauregard Parish, LA, Hydrologic Unit 08080204.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 150 ft. Upper casing diameter 2. in; top of first opening 140 ft, bottom of last opening 150 ft.

DATUM.--Land-surface datum is 140 ft above National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 17

[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	pH, water, unfltrd field, std units (00400)	Specific conduc-tance, wat unf µS/cm @ 25 degC (00095)	Temper-ature, water, deg C (00010)	Dis-solved oxygen, mg/L (00300)	Alka-linity, wat flt inf tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt infl pt titr., field, mg/L (00453)	Carbon-ate, wat flt infl pt titr., field, mg/L (00452)	Dis-solved solids dried @ 180degC wat flt mg/L (70300)	Calcium water, fltrd, mg/L (00915)	Magne-sium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)
Oct														
21...	5.6	44	20.7	3.3	14	17	0.0	48	2.17	.721	1.99	4.34	.02	2.78

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 17

[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Organic carbon, water, fltrd, mg/L (00681)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L as P (00666)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Coliphage F-spec, FAMP, 2-step, pres or absence /L (99335)	Coliphage som, Ec CN13hst 2-step, pres or absence /L (99332)	Alu-minum, water, fltrd, µg/L (01106)
Oct													
21...	<.08	30.3	.36	<.4	<.020	.41	<.002	.013	E.005	.43	U	U	<4.0

305020093003001 Local number Be-5764Z—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 3 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	Barium, water, fltrd, µg/L (01005)	Beryl-lium, water, fltrd, µg/L (01010)	Cadmium water, fltrd, µg/L (01025)	Chro-mium, water, fltrd, µg/L (01030)	Cobalt water, fltrd, µg/L (01035)	Copper, water, fltrd, µg/L (01040)	Iron, water, fltrd, µg/L (01046)	Lead, water, fltrd, µg/L (01049)	Lithium water, fltrd, µg/L (01130)	Manga-nese, water, fltrd, µg/L (01056)	Molyb-denum, water, fltrd, µg/L (01060)	Nickel, water, fltrd, µg/L (01065)	Silver, water, fltrd, µg/L (01075)
Oct													
21...	65	.08	E.02	.70	.02	6.9	E2	.59	E.6	.3	<.02	1.1	<.008

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 4 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	Stron-tium, water, fltrd, µg/L (01080)	Thal-lium, water, fltrd, µg/L (01057)	Vana-dium, water, fltrd, µg/L (01085)	Zinc, water, fltrd, µg/L (01090)	Anti-mony, water, fltrd, µg/L (01095)	Arsenic water, fltrd, µg/L (01000)	Boron, water, fltrd, µg/L (01020)	Sele-nium, water, fltrd, µg/L (01145)	1,2,3-Tri-chloro-propane water, unfltrd µg/L (77443)	Dibromo chloro-propane water, unfltrd µg/L (82625)	1,2-Di-bromo-ethane, water, unfltrd µg/L (77651)	1,2-Di-chloro-ethane, water, unfltrd µg/L (32103)	1,2-Di-chloro-propane water, unfltrd µg/L (34541)
Oct													
21...	24.7	<.04	E.08	4.7	<.04	.06	9	.10	<.12	<1.0	<.04	<.1	<.02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 5 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	1,3-Di-chloro-propane water, unfltrd µg/L (77173)	1,4-Di-chloro-benzene water, unfltrd µg/L (34571)	1-Naph-thol, water, fltrd 0.7µ GF µg/L (49295)	2,6-Di-ethyl-aniline water, fltrd 0.7µ GF µg/L (82660)	2-Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618)	CIAT, water, fltrd, µg/L (04040)	2-Ethyl-6-methyl-aniline wat flt µg/L (61620)	3,4-Di-chloro-aniline water, fltrd, µg/L (61625)	3,5-Di-chloro-aniline water, fltrd, µg/L (61627)	3-Chloro-propene water, unfltrd µg/L (78109)	4-Chloro-2-methyl-phenol, wat flt µg/L (61633)	Aceto-chlor, water, fltrd, µg/L (49260)	Acrylo-nitrile water, unfltrd µg/L (34215)
Oct													
21...	<.1	<.02	<.04	<.006	<.010	<.014	<.010	<.004	<.004	<.08	<.005	<.010	<.4

305020093003001 Local number Be-5764Z—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 6 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	Alachlor, water, fltrd, µg/L (46342)	alpha-Endosulfan, water, fltrd, µg/L (34362)	Atrazine, water, fltrd, µg/L (39632)	Azinphos-methyl oxon, water, fltrd, µg/L (61635)	Azinphos-methyl, water, fltrd 0.7µ GF µg/L (82686)	Benfluralin, water, fltrd 0.7µ GF µg/L (82673)	Bromomethane water, unfltrd µg/L (34413)	Carbaryl, water, fltrd 0.7µ GF µg/L (82680)	Carbofuran, water, fltrd 0.7µ GF µg/L (82674)	Carbon disulfide water, unfltrd µg/L (77041)	Chlorpyrifos oxon, water, fltrd, µg/L (61636)	Chlorpyrifos water, fltrd, µg/L (38933)	cis-1,3-Dichloropropene water, unfltrd µg/L (34704)
Oct													
21...	<.008	<.006	<.007	<.04	<.120	<.014	<.4	<.200	<.060	<.04	<.05	<.010	<.10

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 7 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	cis-Permethrin water fltrd 0.7µ GF µg/L (82687)	cis-Propiconazole, water, fltrd, µg/L (79846)	Cyanazine, water, fltrd, µg/L (04041)	Cyfluthrin, water, fltrd, µg/L (61585)	Cypermethrin water, fltrd, µg/L (61586)	DCPA, water, fltrd 0.7µ GF µg/L (82682)	Desulfinylfipronil amide, wat flt µg/L (62169)	Desulfinylfipronil, water, fltrd, µg/L (62170)	Diazinon, water, fltrd, µg/L (39572)	Dichlorvos, water, fltrd, µg/L (38775)	Dicrotophos, water, fltrd, µg/L (38454)	Dieldrin, water, fltrd, µg/L (39381)	Dimethoate, water, fltrd 0.7µ GF µg/L (82662)
Oct													
21...	<.014	<.006	<.040	<.016	<.020	<.006	<.029	<.012	<.005	<.02	<.08	<.009	<.006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 8 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	Disulfoton sulfone water, fltrd, µg/L (61640)	Disulfoton, water, fltrd 0.7µ GF µg/L (82677)	Endosulfan sulfate water, fltrd, µg/L (61590)	EPTC, water, fltrd 0.7µ GF µg/L (82668)	Ethion monoxon water, fltrd, µg/L (61644)	Ethion, water, fltrd, µg/L (82346)	Ethoprop, water, fltrd 0.7µ GF µg/L (82672)	Fenamiphos sulfone water, fltrd, µg/L (61645)	Fenamiphos sulfoxide, water, fltrd, µg/L (61646)	Fenamiphos, water, fltrd, µg/L (61591)	Fipronil sulfide water, fltrd, µg/L (62167)	Fipronil sulfone water, fltrd, µg/L (62168)	Fipronil, water, fltrd, µg/L (62166)
Oct													
21...	<.01	<.04	<.022	<.002	<.02	<.012	<.016	<.053	<.08	<.03	<.013	<.024	<.040

305020093003001 Local number Be-5764Z—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 9 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	Fonofos water, fltrd, µg/L (04095)	Hexazinone, water, fltrd, µg/L (04025)	Iodomethane water, unfltrd µg/L (77424)	Iprodione, water, fltrd, µg/L (61593)	Isofenphos, water, fltrd, µg/L (61594)	lambda-Cyhalothrin, water, fltrd, µg/L (61595)	Malaoxon, water, fltrd, µg/L (61652)	Malathion, water, fltrd, µg/L (39532)	Metalaxyl, water, fltrd, µg/L (61596)	Methidathion, water, fltrd, µg/L (61598)	Methyl paraoxon, water, fltrd, µg/L (61664)	Methyl parathion, water, fltrd 0.7µ GF µg/L (82667)	Metolachlor, water, fltrd, µg/L (39415)
Oct													
21...	<.010	<.008	<.80	<.014	<.006	<.010	<.080	<.020	<.007	<.006	<.01	<.008	<.014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 10 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	Metribuzin, water, fltrd, µg/L (82630)	Molinate, water, fltrd 0.7µ GF µg/L (82671)	Myclobutanil water, fltrd, µg/L (61599)	Oxyfluorfen, water, fltrd, µg/L (61600)	Pendimethalin, water, fltrd 0.7µ GF µg/L (82683)	Phorate oxon, water, fltrd, µg/L (61666)	Phorate water, fltrd 0.7µ GF µg/L (82664)	Phosmet water, fltrd, µg/L (61601)	Prometon, water, fltrd, µg/L (04037)	Prometryn, water, fltrd, µg/L (04036)	Propanil, water, fltrd 0.7µ GF µg/L (82679)	Propargite, water, fltrd 0.7µ GF µg/L (82685)	Propyzamide, water, fltrd 0.7µ GF µg/L (82676)
Oct													
21...	<.016	<.002	<.010	<.006	<.012	<.03	<.020	<.200	<.01	<.006	<.014	<.02	<.004

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 11 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	Simazine, water, fltrd, µg/L (04035)	Tebuthiuron water, fltrd 0.7µ GF µg/L (82670)	Tefluthrin, water, fltrd, µg/L (61606)	Terbufos oxon sulfone water, fltrd, µg/L (61674)	Terbufos, water, fltrd 0.7µ GF µg/L (82675)	Terbuthylazine, water, fltrd, µg/L (04022)	Thiobencarb water, fltrd 0.7µ GF µg/L (82681)	trans-1,3-Dichloropropene water, unfltrd µg/L (34699)	trans-Propiconazole, water, fltrd, µg/L (79847)	Tribuphos, water, fltrd, µg/L (61610)	Trifluralin, water, fltrd 0.7µ GF µg/L (82661)	1,1,1,2-Tetrachloroethane, water, unfltrd µg/L (77562)	1,1,1-Trichloroethane, water, unfltrd µg/L (34506)
Oct													
21...	<.010	<.02	<.010	<.04	<.02	<.01	<.016	<.10	<.02	<.035	<.012	<.04	<.02

305020093003001 Local number Be-5764Z—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 12 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	1,1,2,2-Tetra-chloro-ethane, water, unfltrd µg/L (34516)	CFC-113 water, unfltrd µg/L (77652)	1,1,2-Tri-chloro-ethane, water, unfltrd µg/L (34511)	1,1-Di-chloro-ethane, water, unfltrd µg/L (34496)	1,1-Di-chloro-ethene, water, unfltrd µg/L (34501)	1,1-Di-chloro-propene water, unfltrd µg/L (77168)	1,2,3,4-Tetra-methyl-benzene water, unfltrd µg/L (49999)	1,2,3,5-Tetra-methyl-benzene water, unfltrd µg/L (50000)	1,2,3-Tri-chloro-benzene water, unfltrd µg/L (77613)	1,2,3-Tri-methyl-benzene water, unfltrd µg/L (77221)	1,2,4-Tri-chloro-benzene water, unfltrd µg/L (34551)	1,2,4-Tri-methyl-benzene water, unfltrd µg/L (77222)	1,2-Di-chloro-benzene water, unfltrd µg/L (34536)
Oct													
21...	<.10	<.04	<.06	<.04	<.02	<.04	<.1	<.1	<.1	<.1	<.04	<.04	<.02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 13 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	1,3,5-Tri-methyl-benzene water, unfltrd µg/L (77226)	1,3-Di-chloro-benzene water, unfltrd µg/L (34566)	2,2-Di-chloro-propane water, unfltrd µg/L (77170)	2-Chloro-toluene water, unfltrd µg/L (77275)	2-Ethyl-toluene water, unfltrd µg/L (77220)	4-Chloro-toluene water, unfltrd µg/L (77277)	4-Iso-propyl-toluene water, unfltrd µg/L (77356)	Acetone water, unfltrd µg/L (81552)	Benzene water, unfltrd µg/L (34030)	Bromo-benzene water, unfltrd µg/L (81555)	Bromo-chloro-methane water, unfltrd µg/L (77297)	Bromo-di-chloro-methane water, unfltrd µg/L (32101)	Bromo-ethene, water, unfltrd µg/L (50002)
Oct													
21...	<.04	<.02	<.06	<.02	<.02	<.02	<.06	<4	<.02	<.02	<.06	<.04	<.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 14 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	Chloro-benzene water, unfltrd µg/L (34301)	Chloro-ethane, water, unfltrd µg/L (34311)	Chloro-methane water, unfltrd µg/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd µg/L (77093)	Di-bromo-chloro-methane water, unfltrd µg/L (32105)	Di-bromo-methane water, unfltrd µg/L (30217)	Di-chloro-di-fluoro-methane wat unf µg/L (34668)	Di-chloro-methane water, unfltrd µg/L (34423)	Di-ethyl ether, water, unfltrd µg/L (81576)	Diiso-propyl ether, water, unfltrd µg/L (81577)	Ethyl methac-rylate, water, unfltrd µg/L (73570)	Ethyl methyl ketone, water, unfltrd µg/L (81595)	Ethyl-benzene water, unfltrd µg/L (34371)
Oct													
21...	<.02	<.1	<.1	<.02	<.1	<.04	<.10	<.04	<.1	<.06	<.1	<1.6	<.04

305020093003001 Local number Be-5764Z—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 15 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	Hexa-chloro-buta-diene, water, unfltrd µg/L (39702)	Hexa-chloro-ethane, water, unfltrd µg/L (34396)	Iso-butyl methyl ketone, water, unfltrd µg/L (78133)	Iso-propyl-benzene water, unfltrd µg/L (77223)	Methyl acryl-ate, water, unfltrd µg/L (49991)	Methyl acrylo-nitrile water, unfltrd µg/L (81593)	Methyl methac-rylate, water, unfltrd µg/L (81597)	Methyl t-butyl ether, water, unfltrd µg/L (78032)	Methyl tert-pentyl ether, water, unfltrd µg/L (50005)	meta- + para-Xylene, water, unfltrd µg/L (85795)	Naphth-alene, water, unfltrd µg/L (34696)	Methyl n-butyl ketone, water, unfltrd µg/L (77103)	n-Butyl benzene water, unfltrd µg/L (77342)
Oct													
21...	<.1	<.1	<.4	<.04	<.6	<.2	<.2	<.1	<.06	<.08	<.2	<.6	<.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 16 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect; U, analyzed for but not detected.]

Date	n-Propyl-benzene water, unfltrd µg/L (77224)	o-Xylene, water, unfltrd µg/L (77135)	sec-Butyl-benzene water, unfltrd µg/L (77350)	Styrene water, unfltrd µg/L (77128)	t-Butyl ethyl ether, water, unfltrd µg/L (50004)	tert-Butyl-benzene water, unfltrd µg/L (77353)	Tetra-chloro-ethene, water, unfltrd µg/L (34475)	Tetra-chloro-methane water, unfltrd µg/L (32102)	Tetra-hydro-furan, water, unfltrd µg/L (81607)	Toluene water, unfltrd µg/L (34010)	trans-1,2-Di-chloro-ethene, water, unfltrd µg/L (34546)	trans-1,4-Di-chloro-2-butene, wat unf µg/L (73547)	Tri-bromo-methane water, unfltrd µg/L (32104)
Oct													
21...	<.04	<.04	<.02	<.04	<.04	<.06	<.04	<.06	<1	<.02	<.02	<.4	<.10

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 17 of 17
[Remark codes: <, less than; E, estimated; R, radchem non-detect;
U, analyzed for but not detected.]

Date	Tri-chloro-ethene, water, unfltrd µg/L (39180)	Tri-chloro-fluoro-methane water, unfltrd µg/L (34488)	Tri-chloro-methane water, unfltrd µg/L (32106)	Vinyl chloride, water, unfltrd µg/L (39175)	Ra-226, water, fltrd, radon method pCi/L (09511)	Ra-228, water, fltrd, pCi/L (81366)	Uranium natural water, fltrd, µg/L (22703)
Oct							
21...	<.02	<.08	E.03	<.1	.044	R.02	E.01