



***Capital Area
Groundwater
Conservation District***

Semi-Annual Report on District
Activities
May 1, 2019

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Executive Summary

The Louisiana Legislature has vested the Capital Area Groundwater Conservation District and its appurtenant Commission, the authority to provide for the efficient administration, conservation, orderly development and supplementation of groundwater resources in the parishes of Ascension, East Baton Rouge, East Feliciana, Pointe Coupee, West Baton Rouge and West Feliciana.

The Capital Area Ground Water Conservation Commission will develop, promote, and implement management strategies to provide for the conservation, preservation, protection, recharging and prevention of waste of the groundwater resources, over which it has jurisdictional authority, for the benefit of the people that the Capital Area District serves.

This report is written in response to the requirements of R.S. 38:3097.8 and R.S. 38:3097.3(G), commonly referred to as “Act 425”. Act 425 of 2017 mandated that on May 1 and November 1 of each year, “each ground water conservation district created by law or designated as a regional body, pursuant to R.S. 38:3097.4(D)(6), shall submit to the commissioner of conservation, the Water Resources Commission, the Water Management Advisory Task Force, the Senate Committee on Environmental Quality, and the House Committee on Natural Resources and Environment a written report detailing the district’s ground water resources and the activities and actions taken with respect to each of the district’s powers delineated by laws creating the district.” Further, Act 425 noted that these reports “shall also include but not be limited to the amount of water used for residential, commercial or industrial, or agricultural purposes, respectively; actual and projected saltwater intrusion or encroachment; and any current or projected sale of water for use outside the state, including the amount of water so sold and the price paid by each out-of-state user.”

Information in this report covers the Third and Fourth Calendar Quarters of 2018.

- √ A. A list showing members and officers of the board of commissioners (“Board”) of the Capital Area Ground Water Conservation District (“CAGWCD”), including the bodies that such members represent and any changes in Board membership over the preceding six (6) months.

Current Membership

Thomas A. Stephens	EBR Parish Department of Public Works	
Lucas Hopkins	East Feliciana Parish	
Kenneth Dawson	Ascension Parish	
A. Hayes Town, Jr.	Nominee of EBR Parish Mayor-President	
J.A. Rummler	Pointe Coupee Parish	
Barry Huggins	West Baton Rouge Parish	
Julius Metz	West Feliciana Parish	
Joey Normand	Public Supply	
Dennis McGehee	Public Supply	
Ryan Scardina	Public Supply	
Ronnie Albritton	Industry	
Nelson Morvant	Industry	(Chairman)
Todd Talbot	Industry	
Mark Frey	Farm Bureau/Cattleman’s Association	(Treasurer)
William Daniel	East Baton Rouge Parish	(Vice-Chairman)
John Jennings	Designee of LDEQ Secretary	
Matthew Reonas	Designee of the LOC Commissioner	
Mark Walton	Board Nominee	

Changes during the past six months:

Joey Normand has replaced Johan Forsman as a public supply representative.

- √ B. Copies of the agendas and minutes and/or summaries of all Board meetings and any public hearings conducted by the Board, including a list of submissions to the Board, for the preceding six (6) months.

Administrative Committee Meetings

See Appendix A

Technical Committee Meetings

See Appendix B

Commission Meetings

See Appendix C

Planning & Specifications Committee

See Appendix D

- √ C. A brief summary of the (1) scope, (2) term, and (3) cost of any cooperative agreements and/or contracts, including funding of scientific investigations, entered into by the Board over the preceding six (6) months, such agreements and/or contracts being relative to the study and/or survey of the groundwater resources in the CAGWCD, including:

1. Recommendations for conservation of groundwater resources within the CAGWCD;
2. Prevention and/or alleviation of damaging/potentially damaging groundwater level drawdowns within the CAGWCD;
3. Prevention and/or alleviation of damaging/potentially damaging land surface subsidence within the CAGWCD; and
4. Prevention and/or alleviation of damaging/potentially damaging groundwater quality degradation, including saltwater encroachment, within the CAGWCD.

The Commission began working with The Water Institute of the Gulf to develop a long-range planning document. Notice to proceed on the project was not received before the end of the reporting period, however, information on this effort has been provided in Appendix J.

- √ D. A narrative description and status update of actual and projected saltwater intrusion/encroachment within the groundwater systems of the CAGWCD.

See Appendices E and K

- √ F. Copies of updated CAGWCD management plans and/or other strategy documents adopted by the Board relative to the study, mitigation, and/or general management of groundwater resources, saltwater intrusion, and land subsidence within the CAGWCD. *After the first report submission, such documents may be submitted once annually at the discretion of the Board.*

CAGWCD has not adopted any changes to management plans and/or management strategies since the previous report.

See Appendix I

√ G. A narrative summary and scientific analysis (if available) detailing the operational status and effectiveness of any structures installed within the groundwater systems of the CAGWCD to mitigate and/or otherwise manage actual and projected saltwater intrusion/encroachment.

None available this reporting period.

√ H. A brief summary of the findings of any scientific investigations relative to the study and/or survey of groundwater resources and land subsidence in the CAGWCD released over the preceding six (6) months, such investigations having been funded in whole or in part by the Board. *Copies of abstracts and links to full reports on-line are acceptable substitutions.*

See Appendix F

√ I. A description of existing groundwater production limits within the CAGWCD as authorized by the Board, identifying (1) the date such limits were adopted, (2) the reason(s) for adoption of such limits, (3) the production limits by aquifer, and (4) the production limits by regulated user. *Here and hereinafter, "user" as defined by R.S. 38:3073.*

See Appendix I

√ J. A list of existing regulated users within the CAGWCD.

Air Products	P.O. Box 52709	Baton Rouge	LA	70892
Audubon Park Apartment Homes, LLC	1233 E. Mount Pleasant Road	Zachary	LA	70791
Baker Utilities	P.O. Box 707	Baker	LA	70714
BASF Corporation	111 West Irene Road	Zachary	LA	70791
Greater Baton Rouge Port Commission	P.O. Box 380	Port Allen	LA	70767
Baton Rouge Water Company	P.O. Box 96016	Baton Rouge	LA	70896
Legacy at Bonne Esperance	1655 Sherwood Forest Blvd.	Baton Rouge	LA	70815
Baton Rouge Country Club	8551 Jefferson Highway	Baton Rouge	LA	70809
Clean Harbors	13351 Scenic Highway	Baton Rouge	LA	70807-1021
Town of Clinton	P.O. Box 513	Clinton	LA	70722
Gulf Coast Coca-Cola Bottling Company	9696 Plank Road	Baton Rouge	LA	70811
Country Club of Louisiana	855 Highlandia Drive	Baton Rouge	LA	70810
Deltech Corporation	11911 Scenic Highway	Baton Rouge	LA	70807-1318
Dixon Correctional Institute	P.O. Box 788	Jackson	LA	70748
East Feliciana Water District 7	P.O. Box 8826	Clinton	LA	70722
East Feliciana Rural Water System	10270 Highway 10	Ethel	LA	70730
East Louisiana State Hospital	Division of Mental Health	Jackson	LA	70748

EcoServices Operations LLC	1301 Airline Highway	Baton Rouge	LA	70807
Entergy	P.O. Box 2431	Baton Rouge	LA	70821
Entergy Operations, Inc./River Bend Station	5485 U.S. Highway 61	St. Francisville	LA	70775
Exide Corporation	P.O. Box 74040	Baton Rouge	LA	70874
Exxon Chemical	P.O. Box 551	Baton Rouge	LA	70821
Exxon Chemicals North	5955 Scenic Highway	Baton Rouge	LA	70805
Exxon Chemical Americas/BRPO	P.O. Box 53006	Baton Rouge	LA	70892
Exxon Plastics	P.O. Box 551	Baton Rouge	LA	70821
Exxon Mobil Chemical - Resin Finishing Plant	P.O. Box 551	Baton Rouge	LA	70807
Exxon Company USA	P.O. Box 241	Baton Rouge	LA	70821
Exxon - Anchorage (West Baton Rouge)	P.O. Box 241	Baton Rouge	LA	70821
False River Water Company	105 Gisele Street	New Roads	LA	70760
Town of Fordoche	P.O. Box 10	Fordoche	LA	70732
Formosa Plastics	P.O. Box 271	Baton Rouge	LA	70821
Georgia Pacific Corporation	P.O. Box 430	Zachary	LA	70791
W.R. Grace	P.O. Box 341	Baton Rouge	LA	70821
Honeywell	P.O. Box 2830	Baton Rouge	LA	70821
Hood Container of LA, LLC	2105 La. Hwy. 964	St. Francisville	LA	70775
Town of Jackson	P.O. Box 1150	Jackson	LA	70748
Louisiana State Penitentiary	Purchasing Department	Angola	LA	70712
Louisiana War Veterans' Home	4739 Highway 10	Jackson	LA	70748
Town of Livonia	P.O. Box 307	Livonia	LA	70755
Louisiana Generating LLC	P.O. Box 39	Ventress	LA	70783
Village of Morganza	P.O. Box 66	Morganza	LA	70759
City of New Roads	P.O. Box 280	New Roads	LA	70760
Village of Norwood	P.O. Box 249	Norwood	LA	70761
NPC Services, Inc.	2401 Brooklawn Drive	Baton Rouge	LA	70807
Oxbow Calcining LLC	P.O. Box 4448	Baton Rouge	LA	70821
Parish Water Company	P.O. Box 96003	Baton Rouge	LA	70896
Pointe Coupee District 1/M&S	105 Gisele Street	New Roads	LA	70760
Pennington Biomedical Center	6400 Perkins Road	Baton Rouge	LA	70808
Town of Plaquemine	P.O. Box 777	Plaquemine	LA	70764
Pointe Coupee Water District 1	105 Gisele Street	New Roads	LA	70760
Pointe Coupee Water District 2	105 Gisele Street	New Roads	LA	70760
City of Port Allen	P.O. Box 468	Port Allen	LA	70767
Town of Slaughter	P.O. Box 29	Slaughter	LA	70777
Southern Ionics	1202 Airline Highway	Baton Rouge	LA	70805
Town of St. Francisville	P.O. Drawer 400	St. Francisville	LA	70775
UOP LLC	1200 Airline Hwy.	Baton Rouge	LA	70805
Villa Feliciana Medical Complex	P.O. Box 438, Highway 10	Jackson	LA	70748
Watco Companies	1055 Barge Canal Road	Baton Rouge	LA	70807
WBR Natural Gas & Water Systems	P.O. Box 807	Port Allen	LA	70767
West Feliciana Water District #13	P.O. Drawer 1921	St. Francisville	LA	70775

Williams	2988 Highway 964	Jackson	LA	70748
Village of Wilson	P.O. Box 40	Wilson	LA	70789
City of Zachary	P.O. Box 310	Zachary	LA	70791

√ K. The total regulated groundwater pumping volume for each regulated user within the CAGWCD over the preceding six (6) months. *This list should show for each regulated user: (1) the total regulated groundwater pumping volume; (2) the classification by use (according to CAGWCD statutes and rules) of this pumping volume; (3) the parish location of this regulated groundwater production; and (4) the source, by aquifer(s), of this regulated groundwater production.*

See Appendix G

√ L. The current charge or fee assessed on regulated groundwater use within the CAGWCD.

Regulated users within the CAGWCD are charged \$10 per million gallons pumped, as found in the Louisiana Administrative Code Title 56, Part V, Chapter 11, §1107 - Pumpage Fee

√ M. The total groundwater use assessment (fee) imposed on each regulated user over the preceding six (6) months.

Quarter/Year	3rd/2018	4th/2018
USER		
Air Products	\$908.39	\$623.91
Audubon Park Homes	\$22.16	\$21.18
Baker, City of	\$1,687.75	\$1,453.31
BASF	\$72.93	\$62.50
Baton Rouge CC	\$47.64	\$23.25
Baton Rouge Water Co.	\$52,474.53	\$47,923.37
Clean Harbors	\$5.73	\$6.19
Clinton, Town of	\$199.19	\$202.95
Country Club of La.	\$194.40	\$194.40
Deltech Corp.	\$871.24	\$871.24
Dixon Correctional	\$341.61	\$282.85
EF Water District 7	\$240.91	\$220.75
EF Water System	\$1,080.33	\$963.89
E. La. State Hospital	\$184.23	\$183.60
EcoServices	\$4,013.60	\$3,572.09
Entergy	\$7,434.58	\$7,471.69
Entergy-River Bend	\$12.27	\$13.96
Exide	\$59.89	\$34.52
Exxon (BRPO)	\$4,110.20	\$4,004.93
Exxon Company USA	\$20,148.47	\$22,885.43
False River Water	\$358.82	\$303.78
Fordoche, Town of	\$149.43	\$141.20

Quarter/Year	3rd/2018	4th/2018
USER		
Formosa Plastics	\$158.98	\$158.98
Georgia Pacific	\$24,430.84	\$23,812.17
Greater B.R. Port Comm	\$151.12	\$144.35
Gulf Coast Coca-Cola	\$484.10	\$286.70
Honeywell	\$1,061.78	\$970.81
Hood Container	\$710.53	\$773.04
Jackson, Town of	\$190.66	\$176.31
Livonia, Town of	\$175.45	\$160.16
Louisiana Generating	\$1,080.30	\$1,338.87
La. State Penitentiary	\$1,868.35	\$1,767.34
La. War Veteran's	\$11.76	\$13.78
Legacy at Bonne Esp	\$0.00	\$0.00
Morganza, Village of	\$62.38	\$57.86
New Roads, Town of	\$1,296.75	\$1,285.34
Norwood, Village of	\$45.26	\$40.48
NPC Services	\$0.48	\$0.52
Oxbow	\$669.60	\$613.80
Parish Water Co.	\$10,320.28	\$9,373.74
Pennington Biomedical	\$89.35	\$16.61
Plaquemine, City of	\$1,159.04	\$1,012.76
P.C. Water District 1	\$263.00	\$297.00
P.C. Water Dist 1/M&S	\$71.20	\$120.03
P.C. Water District 2	\$626.00	\$598.00
Port Allen, Town of	\$538.45	\$426.65
St. Francisville, Town of	\$477.61	\$408.95
Slaughter, Town of	\$140.69	\$137.35
Southern Ionics	\$59.80	\$59.80
UOP LLC	\$1,377.55	\$1,350.74
Villa Feliciana (E.La.)	\$36.42	\$56.17
W.R. Grace	\$0.00	\$0.00
Watco Companies	\$15.00	\$15.00
Wilson, Village of	\$82.33	\$69.55
WBR Natural Gas & Wtr	\$5,637.47	\$5,168.20
WF District #13	\$1,639.74	\$1,159.55
Williams	\$30.00	\$30.00
Zachary, Town of	\$2,563.85	\$2,115.63
TOTAL	\$152,144.42	\$145,477.23

√ N. A list identifying new wells permitted and/or installed within the CAGWCD according to its statutes and rules over the preceding six (6) months, showing for each new well: (1) its owner;

(2) its classification by use; (3) its location by parish; (4) its location by aquifer; and (5) its actual and/or projected annual groundwater pumping volume.

WBR Parish Gas & Water Public Supply	WBR	(undetermined)	1,000 GPM
ExxonMobil Chem Plant	Industrial	EBR 2,400-ft sand	1,000 GPM
Georgia Pacific #33	Industrial	EBR 1,200-ft Sand	1,200 GPM

√ O. A list identifying permitted wells plugged and abandoned (P&A) according to CAGWCD statutes and rules over the preceding six (6) months, showing for each P&A well: (1) its owner; (2) its classification by use; (3) its location by parish; (4) its location by aquifer; and (5) its former annual groundwater pumping volume.

The District has received no notifications of plugged and abandoned wells during the reporting period.

√ P. A summary of any out-of-state groundwater sales from the CAGWCD over the preceding six (6) months, showing: (1) vendor; (2) volumes of groundwater produced and sold; (3) parishes of production; (4) out-of-state entity or entities to which groundwater was sold; and (3) the price paid for this groundwater. *The Office of Conservation interprets the intent to be limited to out-of-state groundwater sales for the primary purpose of being a source of water for beneficial use (bulk water) and not to include groundwater utilized within the CAGWCD or the State of Louisiana in the production of manufactured goods for commercial and/or industrial use or sale, such as beverages, solvents, gasoline, or other processed items.*

The District is unaware of any “bulk” groundwater being shipped out of state

√ Q. A summary of volumes of groundwater pumped from within the CAGWCD during the preceding six (6) months and transported out-of-district as part of a public supply or industrial distribution system. For each regulated user thus engaged, indicate: (1) total volume of groundwater produced for out-of-district distribution; (2) parish of production; and (3) end distribution point, by parish.

See Appendix L

√ R. A summary of volumes of groundwater used for (1) residential, (2) commercial or industrial, and (3) agricultural purposes within the CAGWCD during the preceding six (6) months. The amounts used for industrial and agricultural purposes may be estimated. *For residential volumes, the Office of Conservation will accept numbers generated utilizing standard U.S. Geological Survey formulas for individual consumption.*

NOTE: The District is currently in the process of incorporating groundwater usage data into our online pumpage payment system. As a result, there are gaps in the results printed here. An update will be published when available.

The District has received the following information concerning the requested breakdown of groundwater usage. Please bear in mind that the District collects information on the amount of water pumped by the Industrial and Public Supply sectors. The District does not regulate Domestic Wells, and wells in the following categories are exempt from the requirement for permits:

- wells completed in the Mississippi River alluvial aquifer;
- wells completed at depths less than 400 feet;
- wells drilled for agricultural purposes; and
- wells not capable of producing 50,000 gallons per day.

See Appendix M

The following users are commercial/industrial only and that usage is reported in Appendix G.

<i>Air Products</i>	<i>Georgia Pacific</i>
<i>BASF Zachary</i>	<i>Honeywell</i>
<i>Clean Harbors</i>	<i>Hood Container</i>
<i>Coca-Cola Bottling Co. United, Inc.</i>	<i>NPC Services</i>
<i>Deltech</i>	<i>Louisiana Generating (NRG)</i>
<i>Eco-Services</i>	<i>Oxbow Calcining</i>
<i>Entergy LA Station</i>	<i>Port of Greater Baton Rouge</i>
<i>Entergy River Bend</i>	<i>Southern Ionics</i>
<i>ExxonMobil USA</i>	<i>UOP</i>
<i>ExxonMobil (BRPO)</i>	<i>Watco</i>
<i>Exide</i>	<i>Williams Gas Pipeline</i>

The following users are hospitals and/or penal institutions and reported that all pumpage was solely for the prison population or residents of the hospital. Usage is considered public supply as reported in Appendix G:

<i>Dixon Correctional Institute</i>	<i>Louisiana War Veterans' Home</i>
<i>East Louisiana State Hospital</i>	<i>Villa Feliciana Medical Complex</i>
<i>Louisiana State Penitentiary (Angola)</i>	

Pennington Biomedical Center uses water to solely maintain a suitable water level in the lake on their property and can be considered agricultural.

We have received no response from the following public suppliers, but pumpage is reported in Appendix G:

<i>Audubon Park Homes</i>	<i>P.C. Water District 1</i>
<i>Baker, City of</i>	<i>P.C. Water Dist 1/M&S</i>
<i>Baton Rouge Water Co.</i>	<i>P.C. Water District 2</i>
<i>Clinton, Town of</i>	<i>Port Allen, Town of</i>
<i>EF Water District 7</i>	<i>St. Francisville, Town of</i>
<i>False River Water</i>	<i>Slaughter, Town of</i>
<i>Fordoche, Town of</i>	<i>Wilson, Village of</i>
<i>Jackson, Town of</i>	<i>WBR Natural Gas & Wtr</i>
<i>Livonia, Town of</i>	<i>WF District #13</i>
<i>Morganza, Village of</i>	<i>East Feliciana Water District #7</i>
<i>New Roads, Town of</i>	<i>Town of Clinton</i>
<i>Norwood, Village of</i>	<i>Town of Jackson</i>
<i>Parish Water Co.</i>	<i>West Feliciana Water District #13</i>
<i>Plaquemine, City of</i>	

We have received no response from the following golf courses, but it can be safely assumed that all pumpage, as reported in Appendix G, is for irrigation.

Country Club of Louisiana

Baton Rouge Country Club