



***Capital Area Groundwater
Conservation District***

Semi-Annual Report on District Activities
May 1, 2018

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 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.”

In addition to the information submitted below, the District is in the process of implementing an on-line reporting and payment system, which, once implemented, and in conjunction with new accounting software that’s being installed, will produce more concise and readable pumpage data for future Act 425 reports.

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- √ 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.

Thomas A. Stephens	East Baton Rouge Parish Department of Public Works	
Henry Davis	East Feliciana Parish	
Jens Rummeler	Pointe Coupee Parish	
Barry Huggins	West Baton Rouge Parish	(Chairman)
Julius Metz	West Feliciana Parish	
Johan Forsman	Public Supply	
Dennis McGehee	Public Supply	
Ryan Scardina	Public Supply	
Ronnie Albritton	Industry	
Nelson Morvant	Industry	(Vice-Chairman)
Todd Talbot	Industry	
Mark Frey	Farm Bureau/Cattleman’s Association	
William Daniel	East Baton Rouge Parish	(Treasurer)
John Jennings	Designee of LDEQ Secretary	
Matthew Reonas	Designee of the Louisiana Commissioner of Conservation	
Mark Walton	Board Nominee	

The Louisiana Farm Bureau/ Louisiana Cattleman’s Association representative, Ms. Amelia Kent, has been replaced by Mr. Mark Frey.

Mr. Hays Towns has been nominated to replace Mr. Thomas Stephens as the East Baton Rouge Parish Department of Public Works representative, however, Mr. Towns’ appointment has not been approved by the Governor. By law Mr. Stephens remains on the board until Mr. Towns’ appointment is approved.

- √ 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

CAPITAL AREA GROUND WATER

ANTHONY J. DUPELECHIN
DIRECTOR



CONSERVATION DISTRICT

3535 S. Sherwood Forest Blvd., Suite 137
Baton Rouge, Louisiana 70816-2255
Telephone (225) 293-7370

Posted 12-1-17 2:30 p.m.
SS

December 1, 2017

MEETING NOTICE AND AGENDA
Capital Area Ground Water Conservation Commission

The next Administrative Committee meeting of the Board will be at 8:30 a.m. on Tuesday, December 5, 2017 in the CAGWCC conference room, 3535 South Sherwood Forest Blvd., Suite 137, Baton Rouge, LA.

AGENDA

- I. Call to order
Tom Stephens – Administrative Chairman
- II. Roll call
Scallan – CAGWCC Staff
- III. Establishment of a quorum
Tom Stephens – Administrative Chairman
- IV. Approval of Minutes of September 12, 2017 Administrative Meeting
Tom Stephens – Administrative Chairman
- V. CAGWCC Financial Conditions – as of November 30, 2017
Tom Stephens – Administrative Chairman
- VI. Review Online Bill Payment Proposals
Anthony Duplechin – CAGWCC Director
- VII. Amendment to Budget to pay Pennington Family \$100 for use of their property on Acadian Thruway for Exploratory Well
Anthony Duplechin – CAGWCC Director
- VIII. Amend 2017-2018 Budget
 - a) Audit for fiscal year 2016-2017 – \$10,500
 - b) Online bill payment
 - c) Pennington Family Property use - \$100
Tom Stephens – Administrative Chairman
- IX. Hiring a public relations consultant/firm (Request for Proposal)
Anthony Duplechin – CAGWCC Director
- X. Hiring outside counsel to represent CAGWCC (Request for Proposal)
Anthony Duplechin – CAGWCC Director
- XI. Public Comment
- XII. Adjournment

Please note that public comment will be taken prior to action on agenda items.

Administrative Committee Meeting
Minutes
December 5, 2017

- I. Call to Order**
The Administrative Committee of the Capital Area Ground Water Conservation Commission (CAGWCC) met for an administrative meeting at 8:30 a.m. on December 5, 2017 in the CAGWCC conference room at 3535 South Sherwood Forest Blvd., Suite 137, Baton Rouge, Louisiana. The meeting was called to order by the Administrative Chairman, Mr. Tom Stephens.
- II. Roll Call**
The following committee members were present: William Daniel, Barry Huggins, John Jennings, Amelia Kent and Tom Stephens.

Others attending the meeting were: Todd Talbot and Matthew Reonas, CAGWCC Commissioners; Mark Frey, Louisiana Farm Bureau; and Anthony Duplechin and Shawn Scallan, CAGWCC staff.
- III. Approval of Minutes**
Mr. Huggins made a motion to approve the September 12, 2017 administrative minutes. Mr. Daniel seconded this motion and it passed unanimously.
- IV. CAGWCC Financial Conditions**
The financial conditions as of November 30, 2017 were reviewed. Mr. Huggins made a motion to recommend to the full board that the Commission open a certificate of deposit for \$40,000. Mr. Jennings seconded this motion and it passed unanimously.
- V. Review Online Bill Payment Proposals**
Mr. Duplechin stated that the Commission received four proposals, ranging from \$10,500 to \$207,200. After discussion, it was recommended that the proposals be rated by the administrative committee and a recommendation would then be made.
- VI. Pennington Family – Use of Property**
The Director stated that the Commission will need access to a servitude where the exploratory well will be drilled. The property is owned by the Pennington family. The family has requested a \$100 for this access. Mr. Daniel made a motion to recommend to the full board that the Commission pay the Pennington family \$100 for access to their property. Mr. Huggins seconded this motion and it passed unanimously.
- VII. Amend 2017-2018 Budget**
Mr. Daniel made a motion to recommend to the full board that the Commission approve an audit for \$10,500 to Baxley & Associates and amend the budget for this amount. Also, to amend the budget to include the \$100 for use of the Pennington family property. Mr. Huggins seconded this motion and it passed unanimously.

VIII. Public Relations Consultant/Firm

Mr. Duplechin stated that he has not put together a formal proposal for this service. He stated that he has talked with two firms. Both firms stated that this service would cost approximately \$100,000 per year. Mr. Daniel stated that the scope of services should be written by the Administrative Committee.

IX. Outside Legal Counsel

Mr. Duplechin stated that he has not looked into outside legal counsel. Mr. Duplechin suggested that the Administrative Committee review the contract and determine whether or not they are happy with the services of the Attorney General's office. Mr. Huggins stated that responses have been very timely from the Attorney General's office over the past quarter. The Administrative Committee decided to table this issue for now.

X. Public Comment

Mr. Huggins stated that he has had some questions addressed to him about permits. Those being who the permit holder actually is, what the permit holder's responsibilities are, and are permits transferrable. Mr. Huggins has sent these questions along with a copy of the Commission's permit to Harry Vorhoff, Attorney General's office. Mr. Huggins stated that if someone leases property, can he drill a well on that property. And if he drills a well then who is the owner of the well, lease holder or property owner. Mr. Huggins stated that this issue is not addressed in the Commission's permitting process.

Mr. Daniel questioned the committee as to why the Commission does not have a field person. He stated that the water wells should be monitored and inspected. He stated that they should be inspected for working condition, metering, back flow protection, and calibration records. Mr. Huggins suggested possibly contacting Louisiana Department of Transportation & Development (LA DOTD) about contracting with their office for water well monitoring. Mr. Huggins asked Mr. Reonas if he could contact LA DOTD on the Commission's behalf to inquire about a contract for this service the same way the Office of Conservation does. Mr. Reonas stated if there was some authorization and he would have to run it through his administration. Mr. Huggins asked Mr. Reonas to inquire about it and let him know at the regular meeting next week. Mr. Huggins requested that Mr. Daniel develop inspection criteria for the water well monitoring. Mr. Huggins suggested once the criteria is done then the Commission could perform random inspections for quality purposes. The inspector would then report to the Commission. If the report stated that everything is as it should be, then the Commission could consider whether or not they want to continue with inspections.

Mr. Huggins stated that the board has been looking at options for the "2,000-foot" sand. One being a pipeline to the river to dispose saltwater. Mr. Huggins stated that he wants to investigate the idea of building well couples. Mr. Huggins stated that the Commission has information from the U.S. Geological Survey and Dr. Tsai. He stated that the information suggests that scavenger wells drilled on the south side of the fault to intercept the saltwater before it migrates across the fault would be effective. Mr. Daniel suggested that the

Commission put together a request for proposal for an engineering firm so that they can evaluate the available data and make a recommendation to the board as to the best option. Mr. Huggins stated that this will also be discussed at the technical committee meeting.

Mr. Todd Talbot commented on the Commission's public comment policy. He stated that in the policy it states that all comments should be germane to the agenda item. He stated that the policy needs to be enforced.

XI. Adjournment

Mr. Daniel made a motion to adjourn. Mr. Jennings seconded the motion and it passed unanimously.


John Jennings
CAGWCC Administrative Chairman

Capital Area Ground Water Conservation Commission
Administrative Committee Meeting
CAGWCC Conference Room
3535 South Sherwood Forest Blvd., Suite 137
Baton Rouge, LA 70816
March 20, 2018 at 8:30 a.m.
Agenda

I. Call to order

John Jennings – Administrative Chairman

II. Roll call

Scallan – CAGWCC Staff

III. Establishment of a quorum

John Jennings – Administrative Chairman

IV. Approval of Minutes of December 5, 2017 Administrative Meeting

Action required

John Jennings – Administrative Chairman

V. Audit – Fiscal Year 2016-2017

Margaret Pritchard – Baxley & Associates

VI. CAGWCC Financial Conditions – as of February 28, 2018

John Jennings – Administrative Chairman

VII. Recommendation of Online Bill Payment

Action required

John Jennings – Administrative Chairman

VIII. Adopt CAGWCC Written Policies and Procedures

Action required

John Jennings – Administrative Chairman

IX. Hiring a CPA to Assist the CAGWCC Staff

Action required

Anthony Duplechin – CAGWCC Director

X. Engage a CPA to Perform Audit for Fiscal Year 2017-2018

Action required

Anthony Duplechin – CAGWCC Director

XI. Approval of Performance Evaluation Form for CAGWCC Staff by Administrative Committee

John Jennings – Administrative Chairman

XII. Discuss Recommendation of CAGWCC Treasurer

Barry Huggins – CAGWCC Chairman

XIII. Amend 2017-2018 Budget

- a) Include all passthrough funding & expenses (shown on budget)
- b) CPA Expenses
- c) Bank Fees (\$425)
- d) Travel (\$8,000)
- e) Information Technology (\$10,000)

Action required

John Jennings – Administrative Chairman

XIV. Review Proposed Budget for Fiscal Year 2018-2019

- a) Schedule Public Hearing for 2018-2019 Budget – June 26, 2018

John Jennings – Administrative Chairman

XV. Public Comment

XVI. Adjournment

Action required

Please note that public comment will be taken prior to action on agenda items.

It is possible that a quorum of the Capital Area Ground Water Conservation Commission (CAGWCC) may be in attendance at this meeting but no action of the CAGWCC as a whole will be taken.

PLEASE NOTE THAT THE MINUTES FROM THE MARCH MEETING HAVE NOT YET BEEN APPROVED AND THEREFORE SHALL NOT APPEAR IN THIS REPORT.

Technical Committee Meetings

Capital Area Ground Water Conservation Commission

Technical Committee Meeting

Capital Area Groundwater Conservation District Conference Room

3535 South Sherwood Forest Blvd., Suite 137

Baton Rouge, LA 70816

December 6, 2017

10:00 AM

*Posted
12-5-17
8:00AM*

1. Call to order
Nelson Morvant - Committee Chairman

2. Roll call & Establishment of Quorum
Anthony Duplechin - District Executive Director

3. Introductions

4. Approval of Minutes of September 12, 2017 Technical Meeting
Nelson Morvant – Committee Chairman

5. Regional Water Planning, Challenges & Texas Examples
Augusto Villalon, P.E. Freese and Nichols, Inc.

6. Review of most recent pumping rates from the 1,500-ft /2,000-ft sands to monitor compliance with agreed on reductions and/or commitments
Mark Walton – Commissioner

7. Progress report on the Baton Rouge model
Max Lindeman USGS Lower Mississippi Gulf Science Center Baton Rouge

8. Commission Chairman Comments

9. Public Comment

10. Adjournment

Please note that public comment will be taken prior to action on agenda items.

It is possible that a quorum of the Capital Area Ground Water Conservation Commission (CAGWCC) may be in attendance at this meeting but no action of the CAGWCC as a whole will be taken.

Technical Committee Meeting
Notes
Wednesday, December 6, 2017

1. Committee Chairman Morvant called the meeting to order. District Director Duplechin called the roll, then went around the room for introductions.

Attendees:

Commissioners:

Nelson Morvant*- Chairman	Ryan Scardina*
Todd Talbot*	Barry Huggins*
Mark Walton*	

*- Technical Committee Members

Others attending were:

Max Lindaman, USGS	Roy Waggenpack, Owen & White
Tony Duplechin, CAGWCD Director	Bruce Duhe, Layne
Lindsay Gouedy, Sparta	Sayi Malenini, Citizen
Augusto Villalon, Freese & Nichols	Jason Shackelford, Freese & Nichols
Tyler McCloud, House Natural Resources	
Ryan Clark, Coastal Institute of the Gulf	

As only five of ten members were present there was not a quorum. Therefore, approval of minutes from the September 12, 2017 Technical Committee meeting was tabled.

(Technical Committee Chairman Morvant asked for “Public Comment” following the introduction of each Agenda Item.)

2. A PowerPoint presentation on Regional Water Planning was given by Mr. Augusto Villalon with Freese and Nichols, Inc. He gave an overview of how water is handled by the Texas Water Development Board, which was organized in 1959. He passed out copies of his PowerPoint presentation.
3. Mark Walton reviewed the most recent pumping from the 1,500-ft and 2,000-ft sands. All pumpage was well within mandated limits.
 4. Max Lindaman with the USGS gave an PowerPoint update on the simulations of groundwater flow and saltwater movement in the “1,500-foot,” “2,400-foot,”

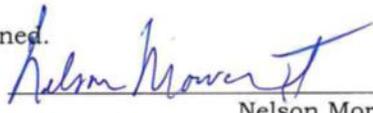
and "2,800-foot" sands of the Baton Rouge Area, Louisiana, often referred to as the "Baton Rouge Model". He reported on three scenarios:

- a. Scenario 1 – Predicted 2047 and 2112 conditions after continued pumping at 2014 rates (status quo)
- b. Scenario 2 – Predicted 2047 and 2112 conditions after cessation of pumping from the "2,800-foot" sand at Georgia Pacific
- c. Scenario 3 – Predicted 2047 and 2112 conditions after a 2,000 gpm reduction of pumping from the "1,500-foot" sand and a 2,000 gpm increase in pumping from the "2,800-foot" sand

He also stated that the report would not be ready for pre-publication by the end of the second quarter of 2018.

5. Commission Chairman brought up looking into whether or not scavenger wells would solve the problem of saltwater intrusion in the 2,000-ft sand. If so, he would like to investigate the possibility of using a saltwater disposal well to dispose of any saltwater produced. He would like to move forward with an analysis of the success in using a scavenger well. This discussion segued into discussion of where Owen & White is with the bid package for the exploratory well. Roy Waggenspack stated that he was working on a deal to use land for the well. The Administrative Committee gave its approval to pay for the use of the land (\$100). Questions followed about increasing the scope of work for a second location to whichever driller was selected. It was determined that this was not a good idea. A separate contract would have to be let.
6. Chairman Morvant asked for public comments on the meeting. Mr. Duplechin reminded Committee members about the upcoming Groundwater Management Districts Association Annual Conference in Baton Rouge and how it would be nice if some of our commissioners would attend. Mr. Sayi Malenini asked how to get a copy of Conservation's WaterMan video. Mr. Duplechin told him he would email him the link to the website containing the video.

There being no more business the meeting was adjourned.



Nelson Morvant
Technical Committee Chairman

Capital Area Ground Water Conservation Commission Technical Committee Meeting
Tuesday, March 20, 2018
1:30 p.m.
U.S. Geological Survey Auditorium
3535 South Sherwood Forest Blvd.,
Suite 120
Baton Rouge, LA 70816

Agenda

1. Call to order Nelson Morvant - Committee Chairman
2. Roll call & Establishment of Quorum Anthony Duplechin - District Executive Director
3. Introductions
4. Approval of Minutes of September 12, 2017 Technical Meeting
Action required
Nelson Morvant – Committee Chairman
5. Review of most recent pumping rates from the 1,500-ft /2,000-ft sands to monitor compliance with
agreed on reductions and/or commitments
Mark Walton – Commissioner
6. Progress report on the Baton Rouge model
Max Lindeman USGS Lower Mississippi Gulf Science Center Baton Rouge
7. Update on progress of Planning & Specifications Committee
Nelson Morvant – Committee Chairman
8. Update on the “Conjunctive Management of Baton Rouge Aquifer System for Saltwater Intrusion
Mitigation Study” and “Development of an Integrated Framework for Managing Sole Source Aquifer,
Southeastern Louisiana”.
Professor Frank Tsai - Associate Professor Water Resources Engineering Louisiana State University
9. Hydrogeology of the Baton Rouge Aquifers in West Feliciana Parish and Vicinity
Dale Nyman - Nyman and Associates
10. Public Comment
11. Adjournment

Action required

Please note that public comment will be taken prior to action on agenda items.

It is possible that a quorum of the Capital Area Ground Water Conservation Commission (CAGWCC) may be in attendance at this meeting but no action of the CAGWCC as a whole will be taken.

PLEASE NOTE THAT THE MINUTES FROM THE MARCH MEETING HAVE NOT YET BEEN APPROVED AND THEREFORE SHALL NOT APPEAR IN THIS REPORT.

Commission Meetings

Prooted 12-7-2017
1:00 p.m.
SS

Capital Area Ground Water Conservation Commission
Meeting
U.S. Geological Survey Auditorium
3535 South Sherwood Forest Blvd., Suite 120
Baton Rouge, LA 70816
December 12, 2017
9:30 a.m.

- I. Call to order**
Barry Huggins – CAGWCC Chairman
- II. Roll call**
Scallan – CAGWCC Staff
- III. Establishment of a quorum**
Barry Huggins - CAGWCC Chairman
- IV. Recognition of guests**
Barry Huggins – CAGWCC Chairman
- V. Approval of Minutes of September 19, 2017 Meeting**
Barry Huggins - CAGWCC Chairman
- VI. Administrative Committee Report**
 - a) Certificate of Deposit for \$40,000 – Action required
 - b) Amend budget for fiscal year 2017-2018
 1. Fee for use of Pennington property (\$100) – Action required
 2. Audit for fiscal year 2016-2017 (\$10,500) – Action required

Tom Stephens – CAGWCC Administrative Chairman
- VII. Technical Committee Report**
 - a) Approval of technical minutes for September 2017 – Action required

Nelson Morvant – CAGWCC Technical Chairman
- VIII. Director's Report**
Anthony Duplechin – CAGWCC District Director
- IX. Chairman's Report**
Barry Huggins – CAGWCC Chairman
- X. Other Business**
Barry Huggins – CAGWCC Chairman
- XI. Public Comment**
Barry Huggins – CAGWCC Chairman
- XII. Adjournment**
Barry Huggins – CAGWCC Chairman

Please note that public comment will be taken prior to action on agenda items.

MINUTES

*CAPITAL AREA GROUND WATER
CONSERVATION COMMISSION*

December 12, 2017

I. Call to Order

The Capital Area Ground Water Conservation Commission met for a regular meeting at 9:30 a.m. on December 12, 2017 in the U.S. Geological Survey's auditorium at 3535 South Sherwood Forest, Suite 120, Baton Rouge, Louisiana. The meeting was called to order by the Chairman, Barry Huggins.

II. Roll Call

The following members were present: Ronnie Albritton, William Daniel, Johan Forsman, Barry Huggins, John Jennings, Jeff Miller, Nelson Morvant, Matthew Reonas, Ryan Scardina, Thomas Stephens, Todd Talbot, and Mark Walton. The following members were absent: Henry Davis, Amelia Kent and Jens Rummmler.

Others attending the meeting were: Anthony Duplechin and Shawn Scallan, Capital Area Ground Water Conservation District; Joey Hebert, Georgia Pacific Corporation; Representative C. Denise Marcelle, Louisiana State Representative (District 61); Roy Waggenpack, Owen & White; Harry Vorhoff, Louisiana Attorney General's Office; Steve Hardy, The Advocate; Lindsay Gouedy, Sparta Ground Water Commission; Dennis McGehee, Baton Rouge Water Company; Mark Frey, Louisiana Farm Bureau; John Lovelace, U.S. Geological Survey; and Shanna Mason, Louisiana Department of Environmental Quality.

III. Minutes

Mr. Stephens made a motion that the minutes of the September 19, 2017 meeting be approved. Mr. Walton seconded this motion. The minutes were approved and passed unanimously.

IV. Report from the Administrative Committee

At the request of the Chairman, Barry Huggins, Mr. Stephens reported on the meeting that was held December 5, 2017 at 8:30 a.m. Following is a summary of items discussed at the meeting and further discussion and action at the regular Commission meeting on December 12, 2017 at 9:30 a.m.

- The financial conditions as of November 30, 2017 were reviewed. Mr. Stephens made a motion to recommend that the Commission open a certificate of deposit. Mr. Jennings seconded this motion. Denise Marcelle spoke in reference to certificate of deposit. The motion passed unanimously.
- Mr. Stephens reported that the Commission received four proposals for the online bill payment system. The Administrative Committee will rate the proposals and make a recommendation.
- Mr. Stephens made a motion that the Commission pay the Pennington family \$100 for access to their property and amend the budget for 2017-2018 to reflect this item. Mr. Morvant seconded this motion and it passed unanimously.
- Mr. Stephens stated that due to the annual budget of the Commission that the board is now required to have an audit. Mr. Stephens made a motion to hire Baxley & Associates to do the audit and amend the budget for 2017-2018 for \$10,500. Mr. Morvant seconded this motion. Denise Marcelle commented on the audit. The motion passed unanimously.
- Mr. Jennings made a motion to amend the agenda to discuss another item that deals with the audit. Mr. Stephens seconded this motion and it passed unanimously. Mr. Huggins reported that the Legislative Auditor now has requirements that all agencies have written policies and procedures. Mr. Huggins stated that the Administrative Committee along with the staff will write these policies and procedures and adopt them in this fiscal year.

Mr. Jennings made a motion to adopt the Louisiana Compliance Questionnaire for the audit for 2016-2017. Mr. Morvant seconded this motion and it passed unanimously.

V. Report from the Technical Committee

The report of the Technical Committee was made by Nelson Morvant. Following is a summary of topics discussed at the meeting on December 6, 2017 further discussion and action at the regular Commission meeting on December 12, 2017. There was not a quorum

- A presentation was given by Augusto Villalon with Freese and Nichols on Regional Water Planning
- Mark Walton reviewed the most recent pumping from the “1,500 and 2,000-foot” sand. All pumpage was well within mandated limits
- Max Lindaman, USGS, gave an update on the groundwater flow and saltwater movement in the “1,500-foot”, “2,400-foot” and “2,800-foot” sands of Baton Rouge, Louisiana.
- Mr. Huggins brought up looking into whether or not scavenger wells would solve the problem of saltwater intrusion in the “2,000-foot” sand. He would like to move forward with an analysis of the success in using a scavenger well.

Mr. Reonas commented that the Commission is in a position now to take some steps toward long term planning. Denise Marcelle agreed that the Commission needs to look into long term planning. She also requested clarification on installment of a scavenger well.

VI. Director’s Report

Director Duplechin reported that he is continuing to work with Owen and White to assist the Commission in preparation of a bid package including design, bidding and construction support for installation of the first test hole near Acadian Thruway.

He reported that he continued to work with the Attorney General’s office on collection of fees from East West Copolymer. Mr. Harry Vorhoff, Attorney General’s office, stated that the final plan for the bankruptcy has been signed and said that the Commission will probably not collect on the outstanding debt.

Mr. Duplechin reported that the staff is working on getting all board members to comply with the Board of Ethics on their required online training due by December 31st. The Director assisted the Sparta Commission with their Water Fest.

Mr. Duplechin reported that the report was completed for Act 425. Mr. Duplechin stated that he is still working on getting pumpage data from some of the users.

The Director met with Scott Gaines and John Lovelace with the U.S. Geological Survey to discuss the Commission’s future relationship.

VII. Chairman’s Report

Mr. Huggins reported that he asked the Director for the list of users who have not reported for Act 425.

VIII. Other Business

Mr. Huggins requested that the Planning and Specifications Subcommittee determine the most appropriate means of protecting the “2,000-foot” sand based on the available models. He stated if the Commission is going to start scavenging saltwater, he would like a recommendation of how to dispose of the saltwater, the number of wells that would be needed, cost and timeline of installation. Mr. Huggins stated that if the Committee feels that the Commission needs an engineering study, then he requested that recommendation as well. Mr. Huggins stated that this is a serious issue and the Commission needs to move forward. Mr. Walton commented that this is

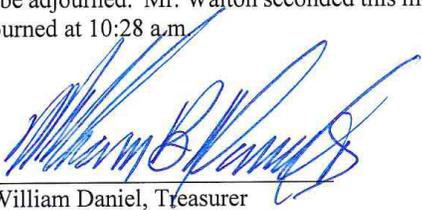
very involved. Modeling would be required and locations. Mr. Reonas commented that he thinks the safest recommendation would be to hire an outside engineering firm to evaluate the science. Mr. Daniel agreed with Mr. Reonas.

IX. Public Comment

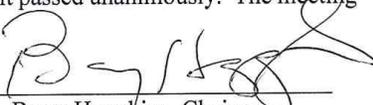
Denise Marcelle thanked the Commission for sending the information for Act 425.

X. Adjournment

There being no further business before the Commission, Mr. Jennings made a motion that the meeting be adjourned. Mr. Walton seconded this motion and it passed unanimously. The meeting was adjourned at 10:28 a.m.



William Daniel, Treasurer



Barry Huggins, Chairman

Capital Area Ground Water Conservation Commission Meeting
U.S. Geological Survey Auditorium
3535 South Sherwood Forest Blvd., Suite 120, Baton Rouge, LA 70816
March 26, 2018, 9:30 a.m.

- I. Call to order
Barry Huggins – CAGWCC Chairman

- II. Roll call
Shawn Scallan – CAGWCC Staff

- III. Establishment of a quorum
Barry Huggins - CAGWCC Chairman

- IV. Recognition of guests
Barry Huggins – CAGWCC Chairman

- V. Approval of Minutes of December 12, 2017

- VI. Administrative Committee Report
 - a) Audit – fiscal year 2016-2017
 - b) Financial conditions as of 2/28/18
 - c) Online bill payment – Action required
 - d) Written policies & procedures – Action required
 - e) CPA/monthly financial records – Action required
 - f) CPA/audit for 2017-2018 – Action required
 - g) Performance evaluation form
 - h) CAGWCC Treasurer – Action required
 - i) Amend budget 2017-2018 – Action required
 - j) Proposed budget 2018-2019/Public hearing-June 26, 2018John Jennings – CAGWCC Treasurer

- VII. Technical Committee Report
Nelson Morvant – CAGWCC Technical Chairman

- VIII. Director’s Report
Anthony Duplechin – CAGWCC District Director

- IX. Chairman’s Report
Barry Huggins – CAGWCC Chairman

- X. Other Business
Barry Huggins – CAGWCC Chairman

- XI. Public Comment
Barry Huggins – CAGWCC Chairman

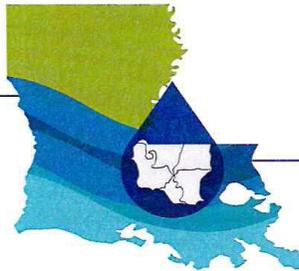
- XII. Adjournment
Barry Huggins – CAGWCC Chairman

Please note that public comment will be taken prior to action on agenda items.

PLEASE NOTE THAT THE MINUTES FROM THE MARCH MEETING HAVE NOT YET BEEN APPROVED AND THEREFORE SHALL NOT APPEAR IN THIS REPORT.

CAPITAL AREA GROUND WATER

ANTHONY J. DUPLÉCHIN
DIRECTOR



CONSERVATION DISTRICT

3535 S. Sherwood Forest Blvd., Suite 137
Baton Rouge, Louisiana 70816-2255
Telephone (225) 293-7370

Posted 1-29-18
9:30 AM. JS

January 29, 2018

MEETING NOTICE AND AGENDA

Capital Area Ground Water Conservation Commission

The next Planning & Specifications Subcommittee meeting of the Board will be at 9:30 a.m. on Wednesday, January 31, 2018 in the District's conference room, 3535 South Sherwood Forest Blvd., Suite 1370, Baton Rouge, LA, 70816.

Capital Area Ground Water Conservation Commission
Planning & Specifications Subcommittee Meeting
3535 South Sherwood Forest Blvd., Suite 137
Baton Rouge, LA 70816
January 31, 2018
9:30 a.m.

AGENDA

1. Call to Order
2. Roll Call
3. Review and Disposition of August 9, 2017 Minutes
4. Proposed Subcommittee Assignments
 - a. William Daniel Right of way acquisition, cost estimate and engineering management.
 - b. Nelson Morvant Permitting; State Liaison for Injection and recovery wells; Assist with Public Relations.
 - c. EBR Public Works Assignment unknown until replacement is confirmed
 - d. Todd Talbot Research state bond commission requirements
 - e. Mark Walton Completion of groundwater model for recovery well placement, assisted by Frank Tsai, John Lovelace, Dan Tomaszewski, John Jennings, Joey Hebert
5. Development of a schedule to install the recovery wells to include the above task
6. Schedule next meeting
7. Other business

It is possible that a quorum of the CAGWCC may be in attendance at this meeting, but no action of the CAGWCC as a whole will be taken in this meeting.

Capital Area Ground Water Conservation Commission
Planning and Specification Subcommittee Meeting
January 31, 2018
Meeting Notes

Meeting was called to order and the roll was called. Sub-Committee members present were Messrs. Walton, Morvant, Talbot and Daniel.

The August 9, 2017 meeting minutes were reviewed and approved with a minor edit.

Proposed subcommittee assignments were discussed:

- William Daniel - Right of way acquisition; cost estimate and engineering management.
- Nelson Morvant - Permitting; State Liaison for injection and recovery wells; Assist with Public Relations.
- EBR Pub. Works - Assignment unknown until replacement is confirmed
- Todd Talbot - Research state bond commission requirements
- Mark Walton - Completion of groundwater model for recovery well placement, assisted by Frank Tsai, John Lovelace, Dan Tomaszewski, John Jennings, Joey Hebert

There was some discussion about the EBR Public Works position on the Board. When the position was added in 2014 the intent was that the position would be filled by an engineer with the EBR DPW.

All members were in favor of accepting all of the subcommittee assignments.

The next two meetings were scheduled for Tuesday, February 20 and Monday, March 12. Both meetings will be held in the District Conference Room at 9:30 AM.

In the development of a timeline it was decided that the selection of a "third" party engineering review of existing information and data for a decision on the best way to proceed is of the most importance at this time.

With respect to funding Commissioner Huggins stated that he had met with Rep. Bishop, Su King and Tyler McCloud, House Natural Resources Committee Chairman and staff, and was told that CAGWCC was not subject to state borrowing limits and do not have to go before the State Bond Commission. Services of a bond attorney will be required. Commissioner Walton reminded the subcommittee that the District received a grant for the "connector well." There was also discussion on the money mentioned in the SOTU address, but that is based on a match of 80% state/20% federal.

Roy Waggenpack updated the group on where the bid package stands. It was recently discovered that the property adjacent to the EBR Lift Station had been sold by the Pennington family to Bayou Acadiana, L.L.C. represented by Troy Michael Hebert. There has been some difficulty in contacting Mr. Hebert. Nothing can be done until the District has permission to access the property. Roy will send an email with the legal steps that need to be followed.

The necessity of having a fallback location or Plan B was discussed, in the event Mr. Hebert is unwilling to deal. Without a piece of land on which to drill the hole the process cannot move forward. Dr. Tsai has provided a map of additional sites. Mr. Tomaszewski asked if there was a map showing available locations. Mr. Waggenpack responded that that is the type of work the Rampart Resources, the "landman" we are working with, does.

Depending on reaching an agreement with Mr. Hebert, the Commission will need to put drilling of the hole out for public bid. Discussion ensued about whether the Commission had granted the Executive Director authority to accept the work Owen & White if doing and put out a bid. This will be discussed at the February 20 meeting.

There was discussion about using an injection well to dispose of the saltwater.

Discussion then moved to establishing a timeline as to when will the test hole be drilled. The below dates were reviewed:

8/18	Drilling and logging of the hole
9/18	Receipt of log data
10/18	Interpretation of data
11/18	3 rd Party review
12/18	Decision on second well location

There followed a lengthy discussion on whether the Acadian Thruway location was the best location for the first well, whether a well should be developed and samples taken. Chairman Morvant suggested several subcommittee members get together to develop pros and cons of each approach.

It was decided to defer any further discussion about well locations until the next meeting, which will be held at the District Office on Tuesday, February 20 at 0930. Todd Talbot will serve as Chairman.

There being no more business the meeting was adjourned.

Nelson Morvant

Nelson Morvant
Chairman

Capital Area Ground Water Conservation Commission
Planning & Specifications Subcommittee Meeting

Posted
2-16-18
2:00p.m.
SS

3535 South Sherwood Forest Blvd., Suite 137
Baton Rouge, LA 70816
February 20, 2018
9:30 a.m.

AGENDA

1. Call to order
2. Roll Call / Establish a quorum
3. Review minutes of last meeting
4. Review proposed location(s) for test hole and work towards alignment
 - i. Discuss benefits of each area.
 - ii. Decide if more than one test hole is necessary
 - iii. Align on location and bring to full commission
5. Technical experts
 - i. Dr. Frank Tsai / LSU representative
 - ii. John Lovelace / USGS representative
6. Align on path forward for land acquisition
 - i. Use of a land acquisition company warranted
 - ii. Other
7. Review Timeline of bidding and construction of a test hole
8. Develop a DRAFT schedule for the next 12 months
9. Other Business
10. Public Comment
11. Adjourn

Please note that public comment will be taken prior to action on agenda items.

It is possible that a quorum of the CAGWCC may be in attendance at this meeting, but no action of the CAGWCC as a whole will be taken in this meeting.

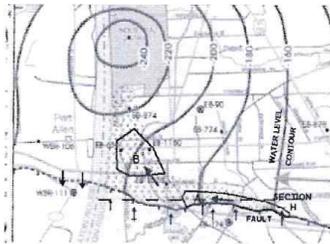
Capital Area Ground Water Conservation Commission
Planning and Specification Subcommittee Meeting
February 20, 2018

Minutes

Meeting was called to order and the roll was called. Sub-Committee members present were Messrs. Walton, Morvant, Talbot and Albritton. Mr. Daniel arrived later.

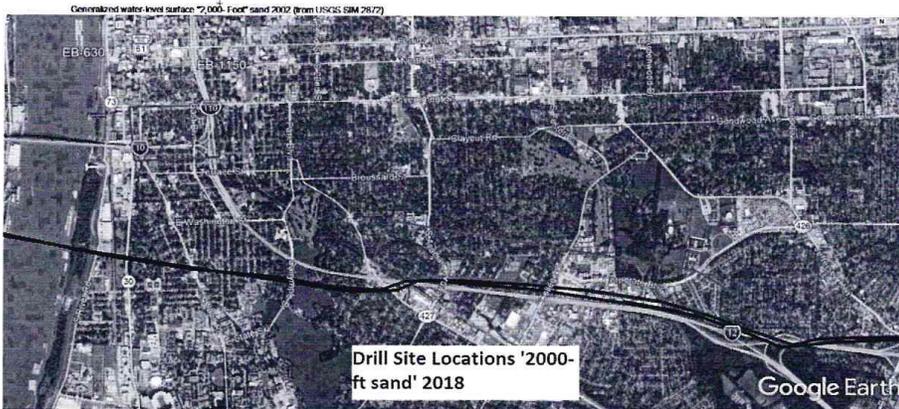
The January 31, 2018 meeting summary were reviewed. Mr. Walton made a motion to approve the minutes. Mr. Morvant seconded the motion and it passed unanimously.

Discussion followed on location of the test hole. Dan's location maps were displayed and discussed (Dan's comments on the maps are included since he was unable to attend the meeting.)



As per our discussion at the Jan 31 meeting at Cap Area, I am attaching 2 maps. The maps show areas (A,B) where I think saltwater recovery wells may be beneficial for remediating saltwater in the "2000-Foot" sand. The original map was submitted some time ago. As per Todd's request a second map created with Google Earth is attached (drill site locations).

The Google Earth Map also shows areas A and B. On the Google Earth map area B is modified (smaller than the previous mapping) and two additional yellow pins show where recovery wells could be placed at or near existing pumping stations. The areas were selected based on research of data and completed studies. The areas are my best opinion where test drilling and data collection would be needed for construction of future remediation wells.



Discussion on location and disposal of the saltwater ensued. Throughout the meeting Commissioner Walton expressed his concern with saltwater injection for disposal close to the fault. USGS graphics of the saltwater intrusion in the “2,000-ft” sand were examined. Commissioner Walton opined that his desire is to reduce the footprint of the plume, not just to arrest it. It is agreed that more than one test well and several scavenger wells will be needed and that a third-party review of Commission plans to move forward will be necessary.

The new property owner of the Acadian Thruway location asked our land people, Landmark Resources, how much the Commission would pay for use of the property because he was thinking about developing it. Information is already available from wells near this location. There is an existing well between TJ Ribs to the South of the lift station and one near Broussard Street to the North. John Lovelace opined that it is not a good location for a test hole only scenario and not a great place for a scavenger well. It is not well understood exactly where the saltwater is coming across the fault. It comes across and is pulled West, then North.

A discussion over best location from the perspective of science vs. ease of access was discussed. John L. discussed available wells near the I-10/I-110 merge, pointing out the dual screened BRWC well at Lafayette Street.

The possibility of drilling at the Acadian Thruway location was axed. Executive Director Duplechin reminded the Commission of the pending I-10 work being proposed by LA DOTD. The Dalrymple/Westbound I-10 off ramp was also discussed, as well as existing wells in that area. Sites adjacent to the I-10/Perkins road crossing were also discussed.

Sites under consideration are I-10/I-110 merge, Acadian Thruway, Dalrymple off-ramp and Perkins Road near George’s Restaurant. Well location criteria – amount of fracture of the sands, sand thickness, salt thickness, salt concentration and will the location help with modeling.

It was discussed as to what was to be done with the hole once it is drilled. Currently a simple logged hole was previously decided upon. It was decided to go back to a test well with logging and sampling, leaving the well in as a monitor well. Installation of a test well as opposed to a test hole would more than double the cost of the investigation.

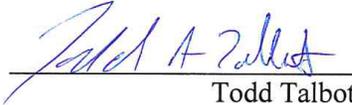
Purchase of a piece of property was discussed. Also looking for some adjudicated property. It was decided to have Rampart Resources investigate in Area "B" for the location of the first test well. John Lovelace was tasked with coming up with areas in that would be suitable. A minimum 100' X 80' lot will be needed.

Discussion ensued about impacts to the neighborhood.

Finally, discussion revolved around Commission approvals to pursue all of the above. The Executive Director was given authority to contract with Owen & White to develop a bid package and to hire Rampart Resources to do title work. Once a suitable piece of land is found it will be brought before the whole Commission for a vote. A special meeting will be held if necessary.

Next meeting will be held in the District Office on Monday, March 19, 2018 at 8:00 AM.

Mr. Walton made a motion to adjourn. Mr. Albritton seconded the motion and it passed unanimously.


Todd Talbot
Sub-Committee Chairman

Capital Area Ground Water Conservation Commission
Planning & Specifications Subcommittee Meeting
CAGWCC Conference Room
3535 S. Sherwood Forest Blvd., Suite 137
Baton Rouge, LA 70816
March 19, 2018
8:00 a.m.

- I. Call to order
Todd Talbot – Planning & Specifications Committee Chairman
- II. Roll Call/Establish a quorum
Anthony Duplechin – District Executive Director
- III. Approval of Minutes of February 20, 2018 Meeting
Action required
Todd Talbot – Planning & Specifications Committee Chairman
- IV. Review proposed location(s) for test hole
Todd Talbot – Planning & Specifications Committee Chairman
- V. Technical experts
 - a) Dr. Frank Tsai – LSU representative
 - b) John Lovelace – USGS representative
- VI. Update on land acquisition
Anthony Duplechin – District Executive Director
- VII. Review timeline of bidding and construction of a test hole
- VIII. Develop a draft of committee report for the Commission
Nelson Morvant – Commissioner
- IX. Other Business
Todd Talbot – Planning & Specifications Committee Chairman
- X. Public Comment
- XI. Adjournment
Action required

Please note that public comment will be taken prior to action on agenda items.

It is possible that a quorum of the Capital Area Ground Water Conservation Commission (CAGWCC) may be in attendance at this meeting but no action of the CAGWCC as a whole will be taken.

*Posted 3/15/18
1:00 p.m.
BT*

Planning & Specifications Subcommittee.

Notes for meeting of March 19, 2018.

Meeting was called to order. Roll was called and a quorum established

Minutes of last meeting were approved

Review proposed location(s) for test hole

Rampart Resources gave an update on land acquisition

Timeline of bidding and construction of a test hole

A committee report out to the commission was to be done by Morvant

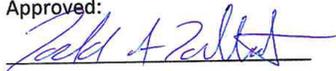
Roy Waggenspack updated the group on where the bid package stands. It was recently discovered that the property adjacent to the EBR Lift Station had been sold. There has been some difficulty in contacting the new landowner. It was determined in the February meeting that location on Acadian Thruway was no longer available as originally planned.

Currently Mr. Thomas Butler of Rampart Resources is researching several parcels in Area 1, the old School for the Deaf property, which owned by the state of Louisiana and several private holdings on which to locate a boring and completed observation well.

It was decided to defer any further discussion about well locations until the next meeting.

Meeting was adjourned.

Approved:



Todd Talbot

Subcommittee Chairman

Capital Area Ground Water Conservation Commission
Planning and Specification Subcommittee Meeting
CAGWCC Conference Room
3535 South Sherwood Forest Blvd., Suite 137
Baton Rouge, LA 70816
April 4, 2018
8:00 a.m.

- I. Call to order
Chairman
- II. Roll Call/Establish a quorum
Anthony Duplechin – District Executive Director
- III. Approval of Minutes of the March 19, 2018 Meeting
Action required
Chairman
- IV. Area One Test Well update – Land acquisition, Owen and White progress
Anthony Duplechin – District Executive Director
- V. Technical experts update
 - a) Dr. Frank Tsai – LSU
 - b) John Lovelace – USGS
- VI. Other business
Chairman
- VII. Adjournment
Action required
Chairman

Public comment will be taken prior to action on agenda items.

It is possible that a quorum of the CAGWCC may be in attendance at this meeting, but no action of the CAGWCC as a whole will be taken in this meeting.

*posted 3/29/18
1:45 pm
BB*

PLEASE NOTE THAT THE MINUTES FROM THE APRIL MEETING HAVE NOT YET BEEN APPROVED AND THEREFORE SHALL NOT APPEAR IN THIS REPORT.

√ 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.

NO ADDITIONAL AGREEMENTS HAVE BEEN ENTERED INTO SINCE THE PREVIOUS REPORT

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

CAGWCD has received no new information relative to actual and/or projected saltwater intrusion/encroachment since the previous report. USGS has a forthcoming report relative to this that is currently in the peer review process, and has not yet been released for publication, and therefore cannot be included in this report. It is anticipated that this new information from USGS will be included in our next report.”

√ 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.

√ 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.

USGS has a forthcoming report relative to this that is currently in the peer review process, and has not yet been released for publication, and therefore cannot be included in this report. It is anticipated that this new information from USGS will be included in our next report.

√ 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.*

Dr. Frank Tsai of LSU is currently working on a Board of Regents project (see November 1, 2017 report) partially funded by the Capital Area Groundwater Conservation District titled “Conjunctive Management of Baton Rouge Multi-Aquifer System for Saltwater Intrusion Mitigation”. The project is slated to be complete by August 31, 2018.

√ 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.*

No modifications have been made to the existing pumping limits since the previous report.

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

Air Products	P.O. Box 52709	Baton Rouge LA	70892
Albemarle Corporation	P.O. Box 341	Baton Rouge LA	70821
Audubon Park Apt Homes	1233E. Mount Pleasant Road	Zachary LA	70791
Baker Utilities System	P.O. Box 707	Baker LA	70714
BASF Corporation	111 West Irene Road	Zachary LA	70791
Baton Rouge Country Club	8551 Jefferson Highway	Baton Rouge LA	70809
Baton Rouge Water Company	P.O. Box 96016	Baton Rouge LA	70896
City of New Roads	P.O. Box 280	New Roads LA	70760
City of Plaquemine	P.O. Box 777	Plaquemine LA	70764
City of Port Allen	P.O. Box 468	Port Allen LA	70767
City of Zachary	P.O. Box 310	Zachary LA	70791
Clean Harbors	13351 Scenic Highway	Baton Rouge LA	70807
Country Club of Louisiana	855 Highlandia Drive	Baton Rouge LA	70810
Deltech Corporation	11911 Scenic Highway	Baton Rouge LA	70807
Dixon Correctional Institute	P.O. Box 788	Jackson LA	70748
East Feliciana Rural Water System	10270 Highway 10	Ethel LA	70730
East Feliciana Water District 7	P.O. Box 8826	Clinton LA	70722
East Louisiana State Hospital	P.O. Box 498	Jackson LA	70748
East West Copolymer	5955 Scenic Highway	Baton Rouge LA	70805
Eco Services Operations, LLC	1301 Airline Hwy.	Baton Rouge LA	70807
Entergy	P.O. Box 2431	Baton Rouge LA	70821
Entergy Operations, Inc.	5485 U.S. Highway 61	St. Francisville LA	70775
Exide Corporation	P.O. Box 74040	Baton Rouge LA	70874
Exxon Chemical Americas/BRPO	P.O. Box 53006	Baton Rouge LA	70892
ExxonMobil	P.O. Box 551	Baton Rouge LA	70892
False River Water System	105 Gisele Street	New Roads LA	70760
Formosa Plastics	P.O. Box 271	Baton Rouge LA	70821
Georgia Pacific Corporation	P.O. Box 430	Zachary LA	70791
Greater BR Port Commission	P.O. Box 380	Port Allen LA	70767
GC Coca-Cola Bottling Company	9696 Plank Road	Baton Rouge LA	70811
Honeywell	P.O. Box 2830	Baton Rouge LA	70821
Hood Container of LA, LLC	2105 La. Hwy. 94	St. Francisville LA	70775
Legacy at Bonne Esperance	1655 Sherwood Forest Blvd.	Baton Rouge LA	70815
Louisiana Generating, LLC	P.O. Box 39	Ventress LA	70783
Louisiana State Penitentiary	Purchasing Department	Angola LA	70712
Louisiana War Veterans Home	4739 Highway 10	Jackson LA	70748
M&S Water Supply	14781 Chenal Road	Jarreau LA	70749
NPC Services	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
Pennington Biomedical Center	6400 Perkins Road	Baton Rouge LA	70808
Pointe Coupee Water District 1	105 Gisele Street	New Roads LA	70760
Pointe Coupee Water District 2	105 Gisele Street	New Roads LA	70760
Southern Ionics	1250 Neosho Ave	Baton Rouge LA	70802

Town of Clinton	P.O. Box 513	Clinton	LA	70722
Town of Fordoche	P.O. Box 10	Fordoche	LA	70732
Town of Jackson	P.O. Box 1150	Jackson	LA	70748
Town of Livonia	P.O. Box 307	Livonia	LA	70755
Town of Slaughter	P.O. Box 29	Slaughter	LA	70777
Town of St. Francisville	Drawer 400	St. Francisville	LA	70775
UOP LLC	1200 Airline Highway	Baton Rouge	LA	70805
Villa Feliciana Medical Complex	P.O. Box 438, Highway 10	Jackson	LA	70748
Village of Morganza	P.O. Box 66	Morganza	LA	70759
Village of Norwood	P.O. Box 249	Norwood	LA	70761
Village of Wilson	P.O. Box 40	Wilson	LA	70789
Watco Companies	1055 Barge Canal Road	Baton Rouge	LA	70807
WBR Natural Gas & Water System	P.O. Box 807	Port Allen	LA	70767
West Feliciana Water District 13	P.O. Drawer 1921	St. Francisville	LA	70775
Williams Gas Pipeline	2988 Highway 964	Jackson	LA	70748

√ 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 Appendices A & B

√ 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/2017	4th/2017	TOTAL
USER			
Air Products	\$1,027.80	\$1,053.49	\$2,081.29
Albemarle Corp.	\$0.00	\$0.00	\$0.00
Audubon Park Homes	\$20.60	\$19.53	\$40.13
Baker, City of	\$412.75	\$1,399.78	\$1,812.53
BASF	\$65.85	\$56.94	\$122.79
Baton Rouge CC	\$47.73	\$58.96	\$106.69
Baton Rouge Water Co.	\$50,589.03	\$47,567.41	\$98,156.44
Clean Harbors	\$7.25	\$7.00	\$14.25
Clinton, Town of	\$194.31	\$244.17	\$438.48
Country Club of La.	\$194.40	\$194.40	\$388.80
Deltech Corp.	\$871.24	\$871.24	\$1,742.48
Dixon Correctional	\$281.35	\$313.18	\$594.53
EF Water District 7	\$202.38	\$197.75	\$400.13
EF Water System	\$1,150.80	\$1,156.65	\$2,307.45
E. La. State Hospital	\$180.22	\$180.75	\$360.97
Eco-Services	\$3,654.72	\$3,759.48	\$7,414.20
Entergy	\$6,683.00	\$7,176.00	\$13,859.00
Entergy-River Bend	\$25.44	\$32.73	\$58.17
Exide	\$29.52	\$46.51	\$76.03
Exxon (BRPO)	\$4,229.35	\$3,886.39	\$8,115.74
Exxon Company USA	\$19,843.84	\$19,881.93	\$39,725.77
False River Water	\$318.00	\$317.00	\$635.00
Fordoche, Town of	\$145.74	\$139.01	\$284.75
Formosa Plastics	\$158.98	\$158.98	\$317.96
Georgia Pacific	\$23,407.84	\$21,309.93	\$44,717.77
Greater B.R. Port Comm	\$151.79	\$188.43	\$340.22
Gulf Coast Coca-Cola	\$484.00	\$376.38	\$860.38
Honeywell	\$1,089.55	\$1,177.16	\$2,266.71
Hood Container	\$789.58	\$798.68	\$1,588.26
Jackson, Town of	\$156.96	\$259.65	\$416.61

Livonia, Town of	\$171.06	\$176.49	\$347.55
Louisiana Generating	\$924.65	\$764.43	\$1,689.08
La. State Penitentiary	\$2,169.61	\$2,365.34	\$4,534.95
La. War Veteran's	\$12.06	\$11.06	\$23.12
Legacy at Bonne Esp	\$0.00	\$0.00	\$0.00
M&S Water Supply	\$105.00	\$105.00	\$210.00
Morganza, Village of	\$60.50	\$62.32	\$122.82
New Roads, Town of	\$977.69	\$965.52	\$1,943.21
Norwood, Village of	\$41.95	\$41.98	\$83.93
NPC Services	\$0.63	\$0.18	\$0.81
Oxbow	\$669.60	\$641.70	\$1,311.30
Parish Water Co.	\$9,770.08	\$10,008.44	\$19,778.52
Pennington Biomedical	\$44.28	\$1.72	\$46.00
Plaquemine, City of	\$1,092.98	\$1,053.34	\$2,146.32
P.C. Water District 1	\$332.00	\$287.00	\$619.00
P.C. Water District 2	\$438.00	\$484.00	\$922.00
Port Allen, Town of	\$500.33	\$407.03	\$907.36
St. Francisville, Town of	\$391.07	\$392.91	\$783.98
Slaughter, Town of	\$115.98	\$131.83	\$247.81
Southern Ionics	\$59.80	\$59.80	\$119.60
UOP LLC	\$1,311.87	\$1,323.59	\$2,635.46
Villa Feliciana (E.La.)	\$25.32	\$28.77	\$54.09
Watco Companies	\$15.00	\$15.00	\$30.00
Wilson, Village of	\$70.03	\$54.79	124.82
WBR Natural Gas &Wtr.	\$5,953.02	\$5,310.95	\$11,263.97
WF Water District #13	\$1,237.62	\$1,237.51	\$2,475.13
Williams Gas Pipeline	\$30.00	\$30.00	\$60.00
Zachary, Town of	\$2,278.23	\$2,231.44	\$4,509.67
TOTAL	\$145,212.38	\$141,021.65	\$286,234.03

√ 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.

LOUISIANA GENERATING has been granted a permit to drill a Public Supply well in Pointe Coupee Parish into the “1,500-ft” sand. It is anticipated that the well will produce approximately 650,000 gallons per day.

√ 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 determined that the following wells were plugged and abandoned during the last six months:

037-262, Town of Jackson, Municipal Public Supply, East Feliciana, 12224BR, 12MGY
037-223, Town of Slaughter, Municipal Public Supply, East Feliciana, 12228BR, 18MGY

√ 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.

Baton Rouge Water Company operates wells in East Baton Rouge Parish and pumps the water into Ascension Parish and the portion of Iberville Parish on the east bank of the Mississippi River, which are not members of the Capital Area Groundwater Conservation District.

OUT OF DISTRICT

Ascension Water Company							
	July	August	Sept	October	November	December	Total
Commercial Non Residential	20,462,524	20,356,104	24,494,672	23,982,008	23,337,324	21,128,876	133,761,508
Public Authority	8,750,600	14,914,700	5,957,600	11,184,800	14,605,200	12,469,700	67,882,600
Residential	156,426,200	146,062,200	158,059,900	164,217,200	163,052,200	152,514,400	940,332,100
Commercial Residential	1,100,500	1,201,300	1,498,400	1,176,900	1,188,400	1,283,700	7,449,200
Grand Total	186,739,824	182,534,304	190,010,572	200,560,908	202,183,124	187,396,676	1,149,425,408

Ascension Parish Consolidated Water District #2							
	July	August	Sept	October	November	December	Total
Commercial Non Residential	637,300	498,800	970,000	813,000	568,000	1,606,500	5,093,600
Public Authority	74,700	81,900	76,400	82,100	85,400	47,800	448,300
Residential	2,148,500	1,922,400	2,038,700	1,952,800	1,904,400	1,834,800	11,801,600
Grand Total	2,860,500	2,503,100	3,085,100	2,847,900	2,557,800	3,489,100	17,343,500

Iberville Water Works District #2							
	July	August	Sept	October	November	December	Total
Commercial Non Residential	7,480,300	7,539,300	9,023,600	8,577,600	8,996,800	9,339,700	50,957,300
Public Authority	18,955,700	17,065,100	18,487,600	16,644,300	16,163,700	16,991,000	104,307,400
Residential	9,911,900	8,705,700	9,621,600	8,974,100	10,220,800	9,147,200	56,581,300
Commercial Residential	104,600	112,800	109,200	136,300	161,200	112,900	737,000
Grand Total	36,452,500	33,422,900	37,242,000	34,332,300	35,542,500	35,590,800	212,583,000

The City of Plaquemine (Iberville Parish) operates two wells (121-112 and 121-113) located in West Baton Rouge Parish. These wells are completed in the “1,500-ft” sand. Water from these wells is used exclusively in Iberville Parish.

Production for these wells is as follows:

Third Quarter	2017
Well Number	Pumpage (in million gallons)
121-112	54.65
112-113	54.65

Fourth Quarter	2017
Well Number	Pumpage (in million gallons)
121-112	52.664
112-113	52.664

√ 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.*

Due to the fact that the District requires a Quarter’s pumpage information to be submitted no later than the end of the month following the Quarter being reported, it has been decided to submit the first and second Quarters’ information in the November 1 report and the third and fourth Quarters’ information in the May 1 report.

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.

Baton Rouge Water Company							
	July	August	Sept	October	November	December	Total
Commercial Non Residential	344,384,436	316,129,484	356,701,004	320,333,992	310,454,408	298,264,252	1,946,267,576
Public Authority	147,809,288	151,098,244	129,110,036	149,253,676	128,611,120	118,400,920	824,283,284
Residential Commercial	524,814,752	476,929,288	538,130,648	524,999,508	512,943,244	531,970,868	3,109,788,308
Residential	231,334,708	213,667,696	230,594,188	215,217,552	214,768,752	230,484,232	1,336,067,128
Grand Total	1,248,343,184	1,157,824,712	1,254,535,876	1,209,804,728	1,166,777,524	1,179,120,272	7,216,406,296

Parish Water Company, Inc.							
	July	August	Sept	October	November	December	Total
Commercial Non Residential	50,026,240	47,984,948	49,039,628	49,729,284	50,732,352	50,279,812	297,792,264
Public Authority	6,283,948	6,141,828	7,204,736	7,022,972	6,408,864	6,433,548	39,495,896
Residential Commercial	181,898,640	174,597,412	186,142,792	192,598,032	185,263,892	187,070,312	1,107,571,080
Residential	21,270,876	21,065,176	23,802,856	21,785,500	22,912,736	24,038,476	134,875,620
Grand Total	259,479,704	249,789,364	266,190,012	271,135,788	265,317,844	267,822,148	1,579,734,860

Audubon Park Apartments

<u>2017</u>	<u>Residential</u>
July	652,000
August	435,000
September	399,000
October	568,000
November	472,000
December	335,000

City of Plaquemine

<u>2017</u>	<u>Residential</u>	<u>Com/Ind</u>	<u>Total Volume</u>
July	254,020	71,965	325,985
August	219,460	60,913	280,373
September	272,255	74,726	346,981
October	211,223	58,511	269,734
November	234,562	71,296	305,858
December	247,046	63,970	311,016

Port Allen Water Supply

<u>2017</u>	<u>Residential</u>	<u>Com / Ind</u>	<u>Total</u>
July	10,789,400	3,464,200	14,253,600
August	15,398,900	4,397,200	19,796,100
September	11,145,700	4,893,600	16,039,300
October	13,475,300	3,535,700	17,011,000
November	21,231,600	12,690,900	33,922,500
December	15,421,800	3,540,000	18,961,800

City of Zachary

<u>2017</u>	Residential	Public Entity	Com/Ind	Ag	Total
July	11,456,000	55,000	491,000/77,000	10,000	57,859,000
August	11,521,000	54,000	495,000/77,000	10,000	59,574,000
September	11,558,000	54,000	497,000/77,000	9,000	61,332,000
October	11,581,000	52,000	497,000/78,000	9,000	64,197,000
November	11,636,000	52,000	498,000/79,000	9,000	71,554,000
December	11,656,000	54,000	502,000/77,000	9,000	61,549,000

Town of Slaughter

<u>2017</u>	Residential	Com/Ind	Total
July	3,226,000	476,000	3,702,000
August	3,604,000	636,000	4,240,000
September	3,083,000	543,000	3,626,000
October	3,335,000	591,000	3,926,000
November	3,552,000	718,000	4,270,000
December	2,986,000	571,000	3,557,000

East Feliciana Rural Water System

<u>2017</u>	Residential	Public Entity	Com/Ind	Total
July	23,920,800	558,600	3,070,700	27,550,100
August	23,291,900	675,500	2,713,900	26,681,300
September	23,229,000	262,000	2,660,400	26,151,400
October	21,510,200	139,100	2,498,800	24,148,100
November	22,941,000	209,500	2,476,000	25,626,500
December	22,247,700	199,300	2,469,000	24,916,000

Town of Fordoche

<u>2017</u>	Residential	Com/Ind	Total
July	16,412,800	184,000	16,596,800
August	16,412,800	184,000	16,596,800
September	16,412,800	184,000	16,596,800
October	16,412,800	184,000	16,596,800
November	16,412,800	184,000	16,596,800
December	16,412,800	184,000	16,596,800

Town of St. Francisville

<u>2017</u>	<u>Residential</u>	<u>Com/Ind</u>	<u>Total</u>
July	36,676,000	43,478,000	80,154,000
August	37,099,000	45,264,000	82,363,000
September	32,679,000	42,233,000	74,912,000
October	37,811,000	46,301,000	84,112,000
November	31,334,000	29,674,000	61,008,000
December	30,510,000	28,888,000	59,398,000

West Baton Rouge Natural Gas & Water

<u>2017</u>	<u>Residential</u>	<u>Commercial</u>	<u>Industrial</u>	<u>Total</u>
July	51,348,880	31,892,020	89,838,100	173,079,000
August	52,002,980	34,228,290	91,918,730	178,150,000
September	67,896,900	38,245,900	103,371,710	209,514,510
October	47,407,430	33,648,170	100,633,800	181,689,400
November	50,141,680	30,271,320	93,906,450	174,319,450
December	55,954,300	31,618,270	91,055,650	178,628,220

Village of Norwood

<u>2017</u>	<u>Residential</u>	<u>Com/Ind</u>	<u>Total</u>
July	645,430	22,990	668,420
August	665,280	47,880	713,160
September	640,732	46,690	687,422
October	834,793	46,890	881,683
November	691,765	60,280	752,045
December	591,225	73,660	664,885

City of New Roads

<u>2017</u>	<u>Residential</u>	<u>Com/Ind</u>	<u>Total</u>
July	27,936,000	6,984,000	34,920,000
August	24,414,000	6,103,000	30,577,000
September	25,866,000	6,466,000	32,332,000
October	26,910,000	6,727,000	33,637,000
November	25,247,000	6,311,000	31,558,000
December	35,094,000	6,271,000	31,355,000

City of Baker

<u>2017</u>	<u>Residential</u>	<u>Commercial</u>	<u>Total</u>
July	569,993	892	570,885
August	36,934	0	36,934
September	15,316,389	3,766,278	19,082,667
October	53,151,369	20,682,634	73,833,999
November	27,593,451	12,056,476	39,649,927
December	16,289,640	5,685,025	21,974,665

Town of Livonia

<u>2017</u>	<u>Residential</u>	<u>Commercial / Industrial</u>	<u>Ag.</u>	<u>Total</u>
July	4,486,920	1,151,540	15,000	5,653,460
August	4,028,360	1,173,877	15,000	5,217,237
September	3,939,741	1,268,429	15,000	5,223,170
October	5,075,439	1,389,150	15,000	6,479,589
November	4,105,080	1,069,240	15,000	5,189,320
December	5,510,680	1,515,000	15,000	7,040,680

The following users reported that their pumpage was solely for commercial/industrial purposes as reported in "K" above:

Georgia Pacific	Clean Harbors
BASF	Exide Technologies
Oxbow Calcining LLC	Hood Container
Louisiana Generating LLC	Williams Gas Pipeline
Greater BR Port Commission	Eco-Services
Deltech Corporation	ExxonMobil
Entergy	Exxon - BRPO
UOP-BTR	Honeywell
Formosa Plastics	NPC Services
Entergy – River Bend	Southern Ionics
Air Products and Chemicals	

NOTES:

Albemarle and Legacy at Bonne Esperance reported no pumpage.

East-West Copolymer has filed for bankruptcy and is no longer reporting any pumpage. They have been purchased by ExxonMobil.

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 public supply as reported in "K" above:

Dixon Correctional Institute
East Louisiana State Hospital
Louisiana State Penitentiary (Angola)

Louisiana War Veterans' Home
Villa Feliciana Medical Complex

Pennington Biomedical Center uses water to solely maintain a suitable water level in the lake on their property.

We have received no response from the following:

Baton Rouge Country Club
Country Club of Louisiana
East Feliciana Water District #7
False River Water System*
M&S Water Supply*
Pointe Coupee Water District # 1*
Pointe Coupee Water District # 2*

Village of Morganza
Town of Clinton
Town of Jackson
Village of Wilson
Watco Companies
West Feliciana Water District #13
Gulf Coast Coca~Cola Bottling #

NOTES:

(#) Coca~Cola has had new personnel come onboard and we are working with them to get the information submitted to us.

(*) False River Water System, M&S Water Supply, Point Coupee Water District #1 and Pointe Coupee Water District #2 are all owned by the same parent company but are being counted as separate entities.