



Capital Area Groundwater Conservation District

November 1, 2017

In response to the requirements of R.S. 38:3097.8 and R.S. 38:3097.3(G), commonly referred to as “Act 425”, the Capital Area Groundwater Conservation District respectfully submits the following:

- √ 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 Current Employer:	East Baton Rouge Parish Department of Public Works East Baton Rouge Parish, Department of Transportation & Drainage
Job Title:	Chief, Design and Construction Engineer

Professional Experience:	Responsible for the efficient administration of all street, road, bridge, drainage and related capital improvement projects, including supervision of technical, clerical, skilled, semi-skilled and un-skilled personnel through subordinate supervisors; financial stewardship of City-Parish funds expended through the Transportation & Drainage Department and representation of the Department in a variety of public forums. Directly supervised design engineers in the areas of drainage, and streets; ensures staff understands and applies federal, state, and local codes and ordinances, which govern engineering design and construction.
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CAGWCC Member Since 2015

Henry Davis
Current Employer: East Feliciana Parish
Job Title: Retired, DSM Copolymer
Operator

Professional Experience: Monitor process indicators, instruments, gauges and meters in order to detect and report possible problems. Start pumps and open valves or use automated equipment to regulate the flow of oil in pipelines and into and out of tanks. Control or operate manifold and pumping systems to circulate liquids through a petroleum refinery. Operate control panels to coordinate and regulate process variables such as temperature and pressure, and to direct product flow rate according to process schedules.

CAGWCC Member Since 2017

Jens Rummler
Current Employer: Pointe Coupee Parish
Job Title: Rummler Farms
Rancher
Professional Experience: More than 40 years of experience in agriculture and land management and a long-time advocate of innovations in agricultural techniques and technology. Experience producing sugarcane, soybeans, wheat, corn, grass-fed and conventional cattle, field-raised and hydroponic vegetables, and greenhouse tropical plants, as well as in rural land evaluation and in ventures in wetlands mitigation, including supervision and participation in restoration activities.

CAGWCC Member Since 2017

Barry Huggins
Current Employer: West Baton Rouge Parish
Job Title: Reliant Technologies, Inc.
President and CEO
Professional Experience: Manufacturing and marketing surface-active chemicals for applications as lubricants and maintenance products, water and process treating chemicals, drilling and completion fluid and production additives, and construction material additives.

CAGWCC Member Since 2012

Julius Metz
Current Employer: West Feliciana Parish
Job Title: West Feliciana Parish Water District #13
Utility Maintenance Worker
Professional Experience: Maintain and repair water and waste systems for West Feliciana Parish.

CAGWCC Member Since 2012

Johan Forsman
Current Employer: Public Supply
Louisiana Department of Health and Hospitals
Job Title: Environmental Health Scientist Manager
Professional Experience: Manage the Louisiana Department of Health and Hospitals Office of Public Health Engineering Services Section's Science, GIS, and Data Technology unit, including the Safe Drinking Water Program data systems. The data systems maintain essential inventory, sources, points of collection, compliance and analytical information for all Public Water Systems in Louisiana.
Manage the development and implementation of OPH's statewide Geographical Information System by designing, managing, creating, and developing all GIS datasets within the Safe Drinking Water Program including all appropriate locational, geological, hydrological, and engineering information available. Manage GIS data-sharing efforts with federal, state, and local agencies, including state-wide emergency response coordination with the Governor's Office of Homeland Security and Emergency Preparedness. Manage the Lower Mississippi Waterworks Warning Network.
Act as the in-house hydrogeology consult for DHH central office, districts and regions regarding ground- and surface-water quality and availability, acts as the liaison with local, state, and federal agencies for collaboration and state program development input regarding source-water quality, quantity, and management.
Assist with the budget development process, procurement process, development of Requests for Proposals and the subsequent contract and proposal review, and review new legislative and administrative proposals from both federal and state agencies as they impact the Engineering Services Section, write grant applications.

CAGWCC Member Since 2013

Jefferson D. Miller Public Supply
Current Employer: Baton Rouge Water Company
Job Title: Water Quality Supervisor
Professional Experience: Manage State and EPA regulatory compliance issues for Baton Rouge Water Company, Ascension Water Company & Ascension Parish Consolidated Utility District #2.
Quality control officer and daily operations director for the Baton Rouge Water Bacteriological Lab.
Supervises daily water quality treatment and advance control strategies.

CAGWCC Member Since 2015

Ryan Scardina Public Supply
Current Employer: Baton Rouge Water Company
Job Title: Technical Services Manager
Professional Experience: Manages the Engineering Department and the office building maintenance.
Louisiana DHH Operator level 4 water certification in production and distribution.
Served as Chairman and council member of the East Baton Rouge Utility Coordination Council and the Ascension Parish Utility Council for 13 years.

CAGWCC Member Since 2017

Ronnie Albritton Industry
Current Employer: Georgia Pacific
Job Title: Environmental Superintendent
Professional Experience: Oversee operations of the environmental program to ensure compliance with local, state, federal and corporate standards.
Oversee and manage contracts for environmental work.
Promote efforts to maintain a good working relationship with regulatory agencies and the community.
Enhance the organizational effectiveness of the environmental and main lab compliance staff by sharing knowledge and technical expertise guided by MBM principles and culture.

CAGWCC Member Since 2014

Nelson Morvant	Industry
Current Employer:	Entergy
Job Title:	Environmental Specialist III/Geologist C.P.G., P.G.
Professional Experience:	<p>28 years of work experience as a groundwater environmental geologist working for industry and government involving geological investigation of shallow and deep groundwater aquifers.</p> <p>Experience in industrial groundwater well installation and testing of producing wells for merchant electrical power plants, soil and groundwater environmental compliance programs such as RCRA and CERCLA, regulatory development team member regulation rewrite for Louisiana Department of Environmental Quality (LDEQ) LAC 33: VII Chapters 5, 7 and 8, work with federal and state agencies such as FEMA hurricane Isaac, LDEQ Agency liaison for parish governments with parish contractors for hurricane response activities. While working for the LDEQ, Mr. Morvant was part of the B P (British Petroleum) Gulf of Mexico Oil Spill MC-252 Response Team participant which included federal agencies such as United States Coast Guard (USCG), EPA, National Oceanic and Atmospheric Administration and other federal agencies which required in depth participation for execution of cleanup of affected water ways and beaches.</p>

CAGWCC Member Since 2015

Todd Talbot	Industry
Current Employer:	ExxonMobil
Job Title:	Site Infrastructure Lead
Professional Experience:	<p>Provide support to Operations for Utility Systems including river water, well water and drinking water.</p> <p>Oversee the support contractor for the supply and treatment of cooling tower water and boiler water.</p> <p>Represent the Baton Rouge area on the ExxonMobil global Best Practice Team for Micro-biological control in cooling water systems.</p> <p>Lead technical support for the identification and development of reliability, improvements and conservation of water systems.</p>

CAGWCC Member Since 2017

Amelia Kent
Current Employer: Farm Bureau/Cattleman's Association
Kent Farms
Job Title: Owner
Professional Experience: Professional Experience Jointly own and manage a beef-cattle herd with husband.
Manage the nutrition, breeding and health of cattle regularly.
Market the calf crop and replacement heifer crop annually.
Market and manage local beef sales.
Attend to property maintenance on multiple lease properties and partner in a hay production operation.

CAGWCC Member Since 2011

William Daniel
Current Employer: East Baton Rouge Parish
Ascension Parish. Infrastructure Division Director
Professional Experience: Over 35 years of experience in engineering, executive management, and government. From 2005-2017, Mr. Daniel held key infrastructure and executive positions in East Baton Rouge City-Parish Government, including Public Works Director, Chief Administrative Officer, and, most recently, Environmental Services Director. Mr. Daniel also has extensive private sector experience as an engineer and project manager in the petroleum and environmental consulting sectors.
Mr. Daniel served three terms in the Louisiana House of Representatives, representing portions of East Baton Rouge Parish. He served on the Ways & Means, Transportation and Environment committees, where he authored and passed legislation establishing statewide groundwater policies and regulations.

Mr. Daniel holds a Bachelor's degree in petroleum engineering from Louisiana State University and a Master's degree in Business Administration from the University of Tulsa. He also holds two additional Master's degrees in petroleum engineering and environmental management and planning from LSU.

CAGWCC Member Since 2017

John Jennings
Current Employer: Designee of DEQ Secretary
Louisiana Department of Environmental Quality
Job Title: Geologist Supervisor
Professional Experience: Manage and operate the Louisiana Department of Environmental Quality's ambient ground water monitoring program, a statewide program that determines and monitors the quality of the state's ground water.
Act as an advisor for the use of Geographical Information System- based maps and satellite imagery for managing ground water aquifer problems and surface water watershed problems as they related to ground water monitoring, source water assessment and source water protection.
Provide expert advice and assistance to the Louisiana Department of Environmental Quality's statewide Drinking Water Protection Program.
Assist in the development of Request for Proposals when contracts are sought, participate in proposal review and contractor selection.

CAGWCC Member Since 2005

Matthew Reonas
Current Employer: Designee of the Louisiana Commissioner of Conservation
Louisiana Department of Natural Resources/Office of Conservation
Job Title: Education and Marketing Representative
Professional Experience: Directing Office of Conservation's public outreach and education program; partnership development and fundraising project and communications management; research.

CAGWCC Member Since 2014

Mark Walton
Retired
Job Title: Board Nominee
Entergy
Technical Specialist IV- Nuclear
Professional Experience: Member of Corrective Action and Assessments
Responsible for Condition Report assignment and closure review and approval.

CAGWCC Member Since 2017

- √ 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.

COMMISSION MEETINGS

July 3, 2017

AGENDA

Capital Area Ground Water Conservation Commission Meeting
U.S. Geological Survey Auditorium 3535
South Sherwood Forest Blvd., Suite 120
Baton Rouge, LA 70816
July 3, 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 March 21, 2017 Meeting
Barry Huggins - CAGWCC Chairman
- VI. Administrative Committee Report
 - a) Amend Budget for fiscal year 2016-2017
 - b) Approve Budget for fiscal year 2017-2018
 - c) Approval of Public Comment PolicyTom Stephens – CAGWCC Administrative Chairman
- VII. Technical Committee Report
Nelson Morvant – CAGWCC Technical Chairman
- VIII. Genesis and Overview of the Management Plan for the Southern Hills Aquifer System and the Summary Plan for the 1,500-ft and 2,000-ft Sands
Mark Walton – CAGWCC Commissioner
- IX. Director’s Report
Anthony Duplechin – CAGWCC District Director

- X. Chairman's Report
Barry Hughhins – CAGWCC Chairman
- XI. Other Business
Barry Hughhins – CAGWCC Chairman
- XII. Public Comment
Barry Hughhins – CAGWCC Chairman
- XIII. Adjournment
Barry Hughhins – CAGWCC Chairman

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

MINUTES

July 3, 2017

I. Call to Order

The Capital Area Ground Water Conservation Commission met for a regular meeting at 9:30 a.m. on July 3, 2017 in the U.S. Geological Survey's auditorium at 3535 S. Sherwood Forest Blvd., Suite 120, Baton Rouge, Louisiana. The meeting was called to order by the Chairman, Mr. Barry Hughhins.

II. Roll Call

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

Others attending the meeting were: Anthony Duplechin and Shawn Scallan, Capital Area Ground Water Conservation District; Lana Venable, ExxonMobil; Roy Waggenspack, Owen & White; Candice Rodgers, Louisiana Attorney General's Office; Steve Hardy, The Advocate; Tony Goff, Thornton, Musso & Bellemin; Lindsay Gouedy and Zack Spivey, Sparta Ground Water Commission; Dennis McGehee, Baton Rouge Water Company; Joey Hebert, Georgia Pacific; and Rusell Honoré, Green Army.

III. Minutes

Mr. Jennings made a motion that the minutes of the March 21, 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 Hughhins, Mr. Stephens reported on the meeting that was held June 22, 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 July 3, 2017 at 9:30 a.m.

- Copies of the Financial Conditions as of May 31, 2017 were distributed for review and comment.

- The Administrative Committee discussed amending the budget for 2016-2017. All items considered for amending were under the budgeted amount; therefore, the budget did not need to be amended.

- The Administrative Committee discussed the proposed budget for fiscal year 2017-2018. Mr. Reonas asked if the Commission is required by law to have performance evaluations for the staff. Mr. Reonas also inquired about the administrative assistant's job title and pay. Mr. Huggins requested that Mr. Stephens check on this and report back at the next Administrative Committee meeting. (It was noted after the meeting by Candice Rodgers, Attorney General's Office, that the discussion of a specific employee's job duties and/or pay that the Commission should be in Executive Session. However, when discussing pay generally, as in the overall salary budget, it is acceptable for the Commission to remain in general session.)

Mr. Reonas asked for an explanation on the on-line bill payment system. Mr. Duplechin stated that this system would enable the user to go online enter their usage and pay their fee. Mr. Reonas also inquired about the line item, Meeting and Associated Expenses.

Mr. Daniel made a motion to accept the budget for 2017-2018. Mr. Walton seconded this motion. The vote was yes - 12 , no - 0 and abstain - 1. The motion passed.

- Mr. Stephens reported that Mr. Vorhoff, Attorney General's office, filed a claim last month on the Commission's behalf. The amount of the claim is \$5,064.29. Mr. Huggins questioned Mr. Vorhoff, AG's office, if the Commission has the authority to suspend a user's permit if they do not pay their water well pumpage fees. Mr. Vorhoff stated that he will research the issue and report to the Commission.

- The Administrative Committee discussed data collection and report preparation issues. In light of House Bill 689, Mr. Huggins stated that he thinks a questionnaire needs to be developed to send out to permit holders asking all of the pertinent questions that the Commission will have to answer to fulfill their obligations under Act 425. Mr. Huggins asked the Director to start working on the questionnaire.

- Mr. Huggins presented a proposed public comment policy to the Administrative Committee. Mr. Daniel made a motion to amend the proposed public comment policy to strike the word "stand," in the 6th paragraph, and in the 7th paragraph to place a period after the word "subject" and strike "however this time limit may be extended at the discretion of the Commission Chair". Mr. Jennings added that the word "desired" in the first paragraph be changed to "desires". Mr. Talbot seconded the motion. The motion passed unanimously. Mr. Reonas then made a motion that the board accept the amended public comment policy. Mr. Jennings seconded the motion. The motion passed unanimously.

- The Administrative Committee discussed a possible "new member orientation policy. Mr. Huggins reported that he would like to see the Commission develop some sort of handout to give new board members with the Commission's history, current projects, rules and regulations, etc. It was suggested that in the future the Commission add to the committee meeting agendas, orientation for new members.

- Mr. Stephens stated that the Committee considered recommending a new policy regarding the composition of sub-committees to the full Commission.
- Mr. Stephens reported that the Committee discussed the EPA Water Infrastructure Finance & Innovation Act (WIFA) grant. Mr. Duplechin stated that applying for this loan would be premature at this point.
- The Administrative Committee discussed updating the 2014 Management Plan. Mr. Duplechin stated that he will begin updating the management plan.

V. Report from the Technical Committee

The report of the Technical Committee was made by Nelson Morvant. Minutes of the meeting were distributed (attached). Following is a summary of topics discussed at the meeting on June 22, 2017 further discussion and action at the regular Commission meeting on July 3, 2017.

- Commissioner Walton reported that the Ad-hoc group might want to look at an alternate site for drilling the "test well" (the current site being considered is near the EBR Lift Station on S. Acadian Thruway.)
- Mark Walton reviewed the most recent pumping from the 1,500-ft and 2,000-ft sands. All pumpage was within mandated limits.
- An update was given on the USGS project, "Development and Maintenance of a Computer Model to Simulate Groundwater Flow and Saltwater Encroachment in the Baton Rouge Sands, Louisiana".
- An update was given for the Board of Regents ITRS Project "Conjunctive Management of Baton Rouge Multi-Aquifer System for Saltwater Intrusion Mitigation".
- Mr. Roy Waggenspack of Owen & White discussed progress with the contract for public bid preparation entitled "2,000-ft sand Chloride Monitoring Well."

VI. Genesis and Overview of the Management Plan for the Southern Hills Aquifer System and the Summary Plan for the "1,500-foot" and "2,000-foot" Sands

Mr. Walton gave a presentation on the Management Plan for the Southern Hills Aquifer System and the Summary Plan for the "1,500-foot" and "2,000-foot" Sand. Mr. Walton stated that this plan does two things: Puts a limit of production on both sands and reduces production for the "2,000-foot" sand. Mr. Walton stated that as the USGS models more sands that the Commission will modify the plan as needed.

Mr. Walton also gave a presentation on the Plan for Management of the Southern Hills Aquifer System in the Baton Rouge Area, which was approved by the Commission on April 8, 2014. As the USGS completes the model for each sand a management plan like the plan for the "1,500-foot" and "2,000-foot" sands will be completed as needed.

VII. Director's Report

Mr. Duplechin reported that he has continued to work with Owen & White in getting an agreement in place to assist the Commission in preparation of a bid package including design,

bidding and construction support for installation of the first test hole. He continued working on collection of unpaid fees and penalties from East West Copolymer. The Director executed two contracts with the Attorney General's office. He reported that he attended several legislative hearing on House Bills 535 and 689 by Representative Marcelle. He stated that he attended the Ground Water Management District's Association (GMDA) meeting that was held in Albuquerque in May. Mr. Duplechin reported that he will be coordinating the next GMDA meeting which will be held in Baton Rouge the week of January 15th.

VIII. Chairman's Report

Mr. Huggins reported that he testified before the legislature on House Bill 689. He along with the Director went to Ruston to meet with the Sparta Commission. Mr. Huggins stated that he plans to get in touch with Representative Garrett Graves, Senator Bill Cassidy and Senator John Kennedy to discuss the Commission's plans for saltwater encroachment. He stated that House Bill 689 was passed and signed by the Governor. The bill prohibits the Commission from having an Ad-hoc group. He stated that the only committees that the Commission may have is standing committees. In the past a nominating committee was appointed for choosing officers. The Administrative Committee will now assume the responsibilities of the nominating committee. He continued saying that the Ad-hoc group is no longer sanctioned by the Commission in accordance with the recently passed law. The Chairman then appointed a Planning & Specification Subcommittee to the Technical Committee. Mr. Huggins appointed the following members to this subcommittee: Nelson Morvant, Mark Walton, Tom Stephens and William Daniel.

IX. Other Business

Mr. Walton referred to the Louisiana Administrative Code, public works section, Title 56, paragraph 329. Mr. Walton stated that the way the rules and regulations have been amended is that they don't prevent communication between sands/aquifers. He said that the rules originally stated if a casing penetrated more than one water bearing sand, that it be cemented from the top of the bottom sand to the surface. He stated that the rules need to be amended to go back to the original in order to protect our aquifers. Mr. Reonas stated that Mr. Walton can work up his comments and send them to the Office of Conservation. Mr. Walton stated that he first wants to protect the Commission's district. Mr. Walton stated that the Commission can adopt rules and regulations by having them published. Mr. Huggins recommended that the Planning and Specification Subcommittee review this and make a recommendation.

X. Public Comment

Mr. Zach Spivey, Sparta Commission, thanked the Commission for inviting them to the meeting. Mr. Spivey stated that they are dealing with one aquifer in north Louisiana and that this Commission is dealing with many. He stated that the Sparta aquifer goes from Webb Parish to Memphis, Tennessee with much of it in Arkansas. He stated that one of the biggest users is Union County Arkansas and that they have done many things to help their Commission. Mr. Spivey stated that they have to preserve their Sparta along with working with industry. He invited the Commission members to come to a Sparta Commission meeting.

Mr. Honore stated that the Green Army needs to move forward with a legislative agenda because laws are going to have to be changed. He stated that the Green Army can't get the things that they need to have done now with the restrictions in the law. He stated that we've been doing scavenger wells since 75 and Article 9 of the constitution of this state says that every decision that every Commission and every legislature and every law makes must put the protection of the people above anything else, anything that's for profit or anything that's for commercial use. The safety of

the protection of the people come first. And he thinks this thing with protecting our water should be the highest priority. A voice for the people of Louisiana as far as our legislature and we will work with you on the legislative agenda Mr. Honoré stated that there are some of these things that he thinks we can work together and others not such as taking industry off of the aquifer.

XI. Adjournment

There being no further business before the Commission, Mr. Reonas made a motion that the meeting be adjourned. Mr. Walton seconded this motion and it passed unanimously. The meeting was adjourned at 12:06 p.m.

September 19, 2017

AGENDA

Capital Area Ground Water Conservation Commission Meeting
U.S. Geological Survey Auditorium
3535 South Sherwood Forest Blvd., Suite 120
Baton Rouge, LA 70816
September 19, 2017
9:30 a.m.

- I. Call to order
Barry Hughhins – CAGWCC Chairman
- II. Roll call
Scallan – CAGWCC Staff
- III. Establishment of a quorum
Barry Hughhins - CAGWCC Chairman
- IV. Recognition of guests
Barry Hughhins – CAGWCC Chairman
- V. Approval of Minutes of July 3, 2017 Meeting
Barry Hughhins - CAGWCC Chairman
- VI. Administrative Committee Report
 - a) CAGWCC Officers for 2018 – Action required
 - b) Authorization for CAGWCC staff to request proposals – Action required
 - c) Authorization for CAGWCC staff to consider hiring a public relations consultant/firm to represent the Commission – Action required
 - d) Authorization for CAGWCC staff to evaluate & make recommendation to hire outside legal counsel – Action required
 - e) Authorization that the CAGWCC include in their comments to Office of Conservation concerning Act 425 that the Louisiana Administrative Procedures Act be followed – Action requiredTom Stephens – CAGWCC Administrative Chairman
- VII. Technical Committee Report
Nelson Morvant – CAGWCC Technical Chairman
 - a) Planning and Specifications Sub-Committee
 - Approval of Update of Plan for Management of the Southern Hills Aquifer System in the Baton Rouge Area - Action required
 - Approval of Update of Summary Plan for the Management of Salt Water Migration in the “1,500-Foot” and “2,000-Foot” Sands of the Baton Rouge Aquifer System – Action required
- VIII. Legal Report – enforcement of pumpage fees, committees and Act 425 of 2017, and prohibition against board lobbying

Executive Session – update on East West Copolymer, LLC, 17-10327 (Bankr, M.D. La. 2017)

Harry Vorhoff – Assistant Attorney General, Civil Division

- IX. Director’s Report
Anthony Duplechin – CAGWCC District Director
- X. Chairman’s Report
Barry Hughhins – CAGWCC Chairman
- XI. Other Business
Barry Hughhins – CAGWCC Chairman
- XII. Public Comment
Barry Hughhins – CAGWCC Chairman
- XIII. Adjournment
Barry Hughhins – CAGWCC Chairman

*PLEASE NOTE THAT THE MINUTES FROM THE SEPTEMBER MEETING HAVE NOT BEEN APPROVED BY THE COMMISSION AND ARE THEREFORE TO BE CONSIDERED **DRAFT** MINUTES*

CAPITAL AREA GROUND WATER CONSERVATION COMMISSION

September 19, 2017
Minutes

I. Call to Order

The Capital Area Ground Water Conservation Commission met for a regular meeting at 9:30 a.m. on September 19, 2017 in the U.S. Geological Survey’s auditorium at 3535 S. Sherwood Forest Blvd., Suite 120, Baton Rouge, Louisiana. The meeting was called to order by the Chairman, Barry Hughhins.

II. Roll Call

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

Others attending the meeting were: Anthony Duplechin and Shawn Scallan, Capital Area Ground Water Conservation District; Lana Venable, ExxonMobil; 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; Joey Hebert, Georgia Pacific; Russel Honoré, Green Army; Stuart Lambert and Bruce Duhe, Layne Christensen; William Fontenot, Sierra Club; Kyle McCann, Louisiana Farm Bureau; John

Lovelace, U.S. Geological Survey; Su King and Tyler McCloud, Louisiana House of Representatives; Jonathan McFarland, Louisiana Department of Environmental Quality; Representative C. Denise Marcelle, Louisiana State Representative; Kathy Wascom, Louisiana Environmental Action Network; Henry Graham, Louisiana Chemical Association; J.W. Wiley, Louisiana State Senate; and Lee McHenry, Louisiana State Senate.

III. Minutes

Mr. Morvant made a motion that the minutes of the July 3, 2017 meeting be approved. Mr. Reonas 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 September 12, 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 September 19, 2017 at 9:30 a.m.

- The Administrative Committee recommended the following members for Capital Area Ground Water Conservation Commission officers for 2018: Barry Huggins, Chairman; Nelson Morvant, Vice-Chairman; and Thomas Stephens. Mr. Morvant asked for nominations for the office of Chairman. There were none. Ms. Kent made a motion that nominations be closed. Mr. Morvant seconded this motion. Mr. Huggins was appointed as Chairman. Mr. Huggins asked for nominations for the office of Vice-Chairman. There were none. Ms. Kent made a motion that nominations be closed. Mr. Daniel seconded this motion and it passed unanimously. Mr. Morvant was appointed as Vice-Chairman. Mr. Huggins asked for nominations for the office of Treasurer. There were none. Ms. Kent made a motion that nominations be closed. Mr. Jennings seconded this motion and it passed unanimously. Mr. Stephens was appointed as Treasurer.
- Mr. Daniel made a motion to authorize the staff to request proposals. Mr. Morvant seconded this motion and it passed unanimously. Director Duplechin stated that the procedure would be to present the proposals to the Administrative Committee and then to the full board for approval.
- Mr. Stephens made a motion to authorize the Commission staff to research the hiring of a public relations consultant/firm to represent the Commission and present a recommendation at the next Administrative meeting. Mr. Daniel seconded this motion and it passed unanimously.
- Mr. Jennings made a motion to authorize the Commission staff to evaluate and make a recommendation to hire outside legal counsel. Mr. Stephens seconded this motion and it passed unanimously. Mr. Duplechin stated that the scope of services will be patterned after the current Attorney General's contract for legal services.
- Mr. Daniel made a motion that the Capital Area Ground Water Conservation Commission include in their comments to the Office of Conservation concerning Act 425 that the Louisiana Administrative Procedures Act be followed so that it would allow for the maximum amount of public input. Mr. Stephens seconded this motion. The vote was yes – 13 members and no – 1 member. The motion passed. It was noted that two commissions are impacted by Act 425. Those being Sparta Ground Water Commission and the Capital Area Ground Water Conservation Commission. It was noted that the Commissions received two different checklists from the Office

of Conservation. Mr. Huggins stated that he is simply requesting that the Commission ask the Office of Conservation to take the most open and transparent process possible and to take comment from the public.

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 September 12, 2017 further discussion and action at the regular Commission meeting on September 19, 2017.

- Mr. Huggins made a motion to adopt the revised document, “Management of the Southern Hills Aquifer System in the Baton Rouge Area” with the following addition, “CAGWCC increased pumpage fees to \$10.00 per million gallons in 2016, with \$5.00 per million gallons dedicated to finance geophysical test holes/wells to be used to locate a scavenger well(s) to remove salt water from the “2,000-foot” sand. Upon location of suitable sites, detailed engineering can proceed through preparation of a definitive estimate, followed by securing funds and installation.” Mr. Jennings seconded this motion and it passed unanimously.
- Mr. Huggins made a motion to adopt the revised document, “Summary Plan for the Management of Salt Water Migration in the “1,500-foot” and “2,000-foot” sands of the Baton Rouge Aquifer System”. Mr. Stephens seconded this motion and it passed unanimously.
- Mr. Huggins made a motion to authorize the Commission to continue funding through 2022 for the U.S. Geological Survey proposal titled, “Development and Maintenance of a Computer Model to Simulate Groundwater Flow and Saltwater Encroachment in the Baton Rouge Sands, Louisiana”. Mr. Stephens seconded this motion and it passed unanimously.

VI. Request to Move Agenda Item

Mr. Reonas made a motion to move agenda item, Legal Report, to right before agenda item, Adjournment. Mr. Daniel seconded this motion and it passed unanimously.

VII. 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. He reported that he continued to work with the Attorney General’s office on collection of fees from East West Copolymer. Mr. Duplechin reported that he and Chairman Huggins attended a meeting of the Sparta Commission in Arcadia. Director Duplechin coordinated the initial meeting of the Planning and Specification Subcommittee. He reported that he attended the Water Synergy project meeting which was held at the Water Institute of the Gulf. Mr. Duplechin reported that at the direction of the Administrative Committee, he reviewed the items in the checklist from Commissioner Ieyoub concerning Act 425.

VIII. Chairman’s Report

Mr. Huggins did not have a report.

IX. Other Business

There was no other business.

X. Public Comment

Mr. William Fontenot, Sierra Club, commented that he wants the members of the Commission to understand that they are on the Commission as individuals and not their appointed entity. Mr. Fontenot referred to Article IX of the new constitution which deals with Natural Resources including air, water, oil, natural gas and forest. Mr. Fontenot stated that Section one of Article IX stated, "The natural resources of the state, including air and water, and the healthful scenic, historic, and esthetic quality of the environment shall be protected, conserved, and replenished insofar as possible and consistent with the health, safety, and welfare of the people. The legislature shall enact laws to implement this policy." Mr. Fontenot reported that the Louisiana Supreme Court gave a 9-0 court decision in a case in Ascension Parish dealing with a proposed hazardous waste facility. This decision gave the people their first interpretation of Article IX, section 1. The Supreme Court stated that all public officials must make sure that when they are representing the public interest. All public officials must make sure that when they are making a decision which may adversely impact human health or the environment that the applicant has considered alternative sites, projects and processes and that the ones selected are the most protective of human health and environment. Mr. Fontenot added that the Commission was created 42 years ago.

Ms. Kathy Wascom, LEAN, stated that looking at the legislation that was recently passed that one could understand the reason for the questioning of the Commission's agenda items. She stated during the hearing for the legislation for the bill (Act 425) that Chairman Hugghins and Director Duplechin both opposed the legislation. Mr. Duplechin stated that he did not oppose the legislation. Ms. Wascom stated that perhaps there were reasons to change the reporting dates which could have been easily amended at the time, but the reasons for the opposition to the legislation were not made very clear. She stated that the bill was amended on the senate floor which then went back and forth to conference committee to finally get the bill passed. Ms. Wascom stated that it was a long-convoluted process for something that she thought should have been what government bodies do such as follow the open meetings law and file reports. She stated that the opposition to the bill was a surprise. Ms. Wascom stated this is why she was asking questions about lobbyists, public relations and attorneys. Ms. Wascom stated that her group overriding intent is to protect groundwater specifically the drinking water. Ms. Wascom asked the Commission to consider holding their meetings at the local Goodwood library or the DNR facility.

Representative Denise Marcelle reiterated that her intention for the bill was for transparency, reporting and to work towards how to keep our water as best as possible. She stated that she is learning about the scavenger wells and other things that she was not aware of through the Board's meetings. She stated that she wants to get additional information on what we can do together to make it better for our future generations. She thanked the Commission for working together on this issue.

Lana Venable, ExxonMobil, wanted to correct a statement that was made during the meeting by Ms. Wascom. She stated that ExxonMobil made reductions voluntarily in agreement with the Office of Conservation back in 2012, not due to a settlement.

XI. Legal Report

Mr. Harry Vorhoff, Attorney General's Office, reported on a few inquiries from the July meeting. He stated that after reviewing the Commission Enabling Act, it is clear that the Commission may seek an injunction for any user that is delinquent on their pumpage fees. Mr. Vorhoff then reported that all Commission business must go through a standing committee. Mr. Morvant then

made a motion that the Commission go into Executive session. Mr. Stephens seconded this motion and it passed unanimously.

XI. Adjournment

There being no further business before the Commission, Mr. Morvant made a motion that the meeting be adjourned. Mr. Talbot seconded this motion and it passed unanimously. The meeting was adjourned at 11:38 p.m.

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

Administrative Committee

June 22, 2017

AGENDA

Capital Area Ground Water Conservation
Commission Administrative Committee Meeting
CAGWCC Conference Room
3535 South Sherwood Forest Blvd.,
Suite 137 Baton Rouge, LA 70816
June 22, 2017
8:30 a.m.

- I. Call to order
Tom Stephens – Administrative Chairman
- II. Roll call
Scallan – CAGWCC Staff
- III. Establishment of a quorum
Tom Stephens – Administrative Chairman
- IV. CAGWCC Financial Conditions – as of May 31,
2017 Tom Stephens – Administrative Chairman
- V. Amend Budget for fiscal year 2016-
2017 Tom Stephens – Administrative
Chairman
- VI. Approve Budget for fiscal year 2017-
2018 Tom Stephens – Administrative
Chairman
- VII. Update of East/West Copolymer
bankruptcy Harry Vorhoff – Assistant
Attorney General
- VIII. Discussion of data collection and report preparation issues, and consider
recommending a new policy on these items to the full Commission
Barry Huggins – CAGWCC Chairman
- IX. Consider recommending a public comment policy to the full
Commission Barry Huggins – CAGWCC Chairman
- X. Discussion of a possible “new member orientation
policy” Barry Huggins – CAGWCC Chairman
- XI. Consider recommending a new policy regarding the composition of sub-committees

to the full Commission
Barry Huggins – CAGWCC Chairman

- XII. EPA Water Infrastructure Finance & Innovation Act (WIFA)
grant Anthony Duplechin – District Executive Director
- XIII. Update of 2014 Management
Plan Matt Reonas –
Commissioner
- XIV. Public Comment
- XV. 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.

MEETING SUMMARY

June 22, 2017

Capital Area Ground Water Conservation Commission Administrative Committee Meeting
CAGWCC Conference Room
3535 South Sherwood Forest Blvd.,
Suite 137 Baton Rouge, LA 70816
June 22, 2017
8:30 a.m.

Following is a summary of items discussed at the meeting.

- Copies of the Financial Conditions as of May 31, 2017 were distributed for review and comment.
- The Administrative Committee discussed amending the budget for 2016-2017. All items considered for amending were under the budgeted amount; therefore, the budget did not need to be amended.
- The Administrative Committee discussed the proposed budget for fiscal year 2017-2018.
- Mr. Vorhoff, Attorney General's office, filed a claim last month on the Commission's behalf. The amount of the claim is \$5,064.29. Mr. Huggins questioned Mr. Vorhoff, AG's office, if the Commission has the authority to suspend a user's permit if they do not pay their water well pumpage fees. Mr. Vorhoff stated that he will research the issue and report to the Commission.
- The Administrative Committee discussed data collection and report preparation issues.

- Mr. Huggins presented a proposed public comment policy to the Administrative Committee.
- The Administrative Committee discussed a possible "new member orientation policy. Mr. Huggins reported that he would like to see the Commission develop some sort of handout to give new board members with the Commission's history, current projects, rules and regulations, etc. It was suggested that in the future the Commission add to the committee meeting agendas, orientation for new members.
- The Committee considered recommending a new policy regarding the composition of sub-committees to the full Commission.
- The Committee discussed the EPA Water Infrastructure Finance & Innovation Act (WIFA) grant. Mr. Duplechin stated that applying for this loan would be premature at this point.
- The Administrative Committee discussed updating the 2014 Management Plan. Mr. Duplechin stated that he will begin updating the management plan.

September 12, 2017

AGENDA

Capital Area Ground Water Conservation Commission

Administrative Committee Meeting

CAGWCC Conference Room

3535 South Sherwood Forest Blvd., Suite 137 Baton Rouge, LA 70816

September 12, 2017

8:30 a.m.

I. Call to order

Tom Stephens – Administrative Chairman

II. Roll call

Scallan – CAGWCC Staff

III. Establishment of a quorum

Tom Stephens – Administrative Chairman

IV. CAGWCC Financial Conditions – as of August 31, 2017 Tom Stephens – Administrative Chairman

V. Capital Area Ground Water Conservation Commission officers for 2018 Tom Stephens – Administrative Chairman

VI. CAGWCC staff review per direction of the Board at the July 2017 meeting Tom Stephens – Administrative Chairman

VII. Resolution authorizing CAGWCC staff to request proposals Tom Stephens – Administrative Chairman

VIII. Hiring a public relations consultant/firm (Request for Proposal) Barry Hughhins – CAGWCC Chairman

IX. Hiring outside counsel to represent CAGWCC (Request for Proposal) Barry Hughhins – CAGWCC Chairman

X. Review of Act 425 of 2017 Regular Legislative Session Barry Hughhins – CAGWCC Chairman

XI. Public Comment

XII. Adjournment

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

September 12, 2017

MEETING SUMMARY

Capital Area Ground Water Conservation Commission
Administrative Committee Meeting
CAGWCC Conference Room
3535 South Sherwood Forest Blvd., Suite 137 Baton Rouge, LA 70816
September 12, 2017
8:30 a.m.

Following is a summary of items discussed at the meeting.

- The Administrative Committee recommended the following members for Capital Area Ground Water Conservation Commission officers for 2018:
Barry Huggins, Chairman;
Nelson Morvant, Vice-Chairman; and
Thomas Stephens, Treasurer
- The Committee discussed authorizing the staff to request proposals. Director Duplechin stated that the procedure would be to present the proposals to the Administrative Committee and then to the full board for approval.
- The Committee discussed authorizing the staff to research the hiring of a public relations consultant/firm to represent the Commission.
- The Committee discussed authorizing the staff to evaluate and make a recommendation to hire outside legal counsel.
- The Committee discussed Act 425 inasmuch as the Louisiana Administrative Procedures Act should be followed so that it would allow for the maximum amount of public input.

TECHNICAL COMMITTEE

Submissions to the Board

June 6, 2017

Barry –

I am requesting the addition of the following items to the agenda of the upcoming regular board meeting on June 20; please list them as individuated items, not as part of any "Director's Report," as they may require specific action by the Commission. If you feel that these need to be discussed at the Administrative or Technical committee meetings as well, I am requesting that you add them as you deem appropriate to those agendas also, with the understanding that I am requesting specifically that they also be listed for presentation/discussion on the June 20 meeting agenda. I am sending this today so that the request is in compliance with your communication of 10/28/2016 relative to agenda items being submitted seven days in advance of a meeting.

1. *EPA Water Infrastructure Finance and Innovation Act (WIFIA) grant – See attached notice. Please have the director provide an update on the applicability of this grant to the CAGWCD's saltwater encroachment problem and management/proposed solutions thereof, along with any previous, current, or proposed outreach to EPA regarding this grant (particularly as there is a second window for submission of a Letter of Interest if the initial deadline was not met) or other available financing of CAGWCD projects. If not applicable, please have the director highlight the reasons/justifications for such a judgment, and/or any deficiencies he sees in the CAGWCC's planning that would limit the CAGWCC's ability to secure such funding.*

2. *Update of 2014 Management Plan – The plan has not been updated since first approved. CAGWCC staff needs to update the plan to include: analysis of the effectiveness of BR Water Co.'s scavenger well system in preventing or mitigating salt water encroachment toward the Lulu St. Station public supply water wells and in meeting the projected objectives for system installation/operation; any changes to project timelines/evaluations/conclusions since adoption of 2014 plan; changes in USGS Southern Hills aquifer system modeling priorities since adoption of 2014 plan; relevant Commission actions since 2014 as pertaining to this plan; new timelines for evaluations/actions as identified by the Commission (if any); any other pertinent planning, administrative and/or technical changes, etc. This should be completed by the September 2017 meetings so that it can be ratified/approved at that time. It ought to be reviewed by the CAGWCC staff at least annually and updated as needed at that time as it represents the CAGWCC's only actual planning document on file.*

Kindly,

MR

*Matthew Reonas, Ph.D.
Education, Outreach, and Research
Louisiana Office of Conservation*

June 22, 2017

AGENDA

Capital Area Ground Water Conservation Commission
Technical Committee Meeting
U.S. Geological Survey Auditorium
3535 South Sherwood Forest Blvd., Suite 120
Baton Rouge, LA 70816.
June 22, 2017
1:30 p.m.

- I. Call to order
Nelson Morvant - Committee Chairman
- II. Roll call & Establishment of Quorum
Anthony Duplechin - District Executive Director
- III. Introductions

IV. Report from Ad-Hoc Group on 2,000-ft sand Saltwater Intrusion Remediation Efforts
Mark Walton - Commissioner

V. 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

VI. Progress report on the Baton Rouge model
John Lovelace – Assistant Director
USGS Lower Mississippi Gulf Science Center Baton Rouge

VII. Report on the current Board of Regents ITRS Project, “Conjunctive Management of Baton Rouge Multi-Aquifer System for Saltwater Intrusion Mitigation”
Anthony Duplechin - CAGWCC Executive Director

VIII. Discussion of Leo Bankston Award
Anthony Duplechin – District Executive Director

IX. Update on contract with Owen & White for “2,000-ft Sand” Chloride Monitoring Well
Roy Waggenpack, P.E.
Owen & White, Inc.

X. EPA Water Infrastructure Finance and Innovation Act (WIFIA)
Anthony Duplechin – District Executive Director

XI. Update of 2014 Management Plan
Matt Reonas – Commissioner

XII. Public Comment

XIII. 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.

MEETING NOTES

Thursday, June 22, 2017

Technical Committee Meeting Notes

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

Todd Talbot*

Barry Huggins*

Mark Walton*

Jens Rummeler*

Tom Stephens

Matthew Reonas*

Jeff Miller*

Ryan Scardina*

*- Technical Committee Members

Others attending were:

John Lovelace, USGS
Dennis McGehee, BRWC
Bruce Duhe, Layne
Max Lindaman, USGS
Michael Simms, CB&I
Gregory Hebert, Layne
(Technical Committee Chairman Morvant asked for “Public Comment” following the introduction of each Agenda Item.)

Roy Waggenpack, Owen & White
Tony Duplechin, CAGWCD Director
Joey Hebert, Georgia Pacific
Jacob Vigh, Georgia Pacific
Dan Tomaszewski, citizen

2. Commissioner Walton reported that the ad-hoc group had not been very active during the second quarter. He reported that the group might want to look at an alternate site for drilling the “test well” (the current site being considered is near the EBR Lift Station on S. Acadian Thruway.)

3. Mark Walton reviewed the most recent pumping from the 1,500-ft and 2,000-ft sands. All pumpage was within mandated limits.

4. USGS Baton Rouge Model Update

PROJECT: Development and maintenance of a computer model to simulate groundwater flow and saltwater encroachment in the Baton Rouge Sands, Louisiana.

COOPERATING AGENCIES: Capital Area Ground Water Conservation Commission, Louisiana Department of Transportation and Development, City of Baton Rouge and Parish of East Baton Rouge

PROJECT CHIEF: Chuck Heywood

PERIOD OF PROJECT: Oct. 2012 to Sept. 2022

PROBLEM: Large water withdrawals from aquifers in East Baton Rouge Parish have resulted in northward encroachment of saltwater across the Baton Rouge fault toward the public and industrial supply wells. Groundwater flow and solute transport models are needed for the Baton Rouge sands to simulate the effects of past, current, and a variety of possible future pumping scenarios and provide a tool to evaluate possible management alternatives.

OBJECTIVE: To develop a computer model that can be used as a tool to simulate past, current, and possible future conditions in Baton Rouge area sands.

PROGRESS AND SIGNIFICANT FINDINGS:

1. Identified issues contributing to model errors, and corrected model input accordingly.
2. Continued calibration of the groundwater-flow and salt-transport model to observed water levels and chloride concentrations in the “1,500-foot,” “2,400-foot,” and “2,800-foot” sands.
3. Simulated future water levels and chloride concentrations for scenarios in which 2014 pumping rates were continued for 100 years (through 2114). Constructed maps of the predicted conditions in the “1,500-foot,” “2,400-foot,” and “2,800-foot” sands after 40 and 100 years of this “status quo” pumping.

PLANS FOR NEXT QUARTER:

1. Finalize calibration of the groundwater transport model to observed chloride concentrations in the “1,500-foot,” “2,400-foot,” and “2,800-foot” sands.
2. Construct additional pumping scenarios of interest for simulation of future water-level changes and saltwater encroachment in the “1,500-foot,” “2,400-foot,” and “2,800-foot” sands.
3. Continue to prepare text, tables, and figures for a report documenting methods and results.
4. Incorporate revised hydrogeologic framework into the web-based cross-section viewer.
5. Modify the existing proposal as needed and prepare a new joint funding agreement to continue model calibration and simulation of flow and saltwater movement in the remaining sands.

PROBLEMS/CONCERNS:

None.

5. In Dr. Tsai’s absence District Director Duplechin gave the following update for the Board of Regents ITRS Project “Conjunctive Management of Baton Rouge Multi-Aquifer System for Saltwater Intrusion Mitigation”

Progress:

Dr. Tsai delivered a presentation “Construction of Groundwater System with Very Large Well Log Dataset” to 2017 World Environmental and Water Resources Congress, Sacramento, California, May 21-25, 2017

Dr. Tsai delivered a presentation “Construction of Groundwater System with Very Large Well Log Dataset” to Baton Rouge Geological Society, Baton Rouge, Louisiana, June 9, 2017.

Dr. Tsai is currently working on saltwater intrusion mitigation modeling using hydraulic controls

Mr. Duplechin also reported on the upcoming Board of Regents ITRS Project “Development of an Integrated Framework for Managing Sole Source Aquifer, Southeastern Louisiana”, which has recently been approved for funding by the Board of Regents, with support from Capital Area, ExxonMobil, Entergy and Southern Ionics.

Project Summary

Study Area: East Baton Rouge, West Baton Rouge, East Feliciana, West Feliciana, Pointe Coupee

Concerns: Groundwater depletion, saltwater intrusion, and land subsidence

Goal: Develop an integrated framework that couples surface water and groundwater systems to address future groundwater sustainability and resilience

Objectives: (1) construct aquifer architecture, (2) predict surface runoff and groundwater recharge, (3) quantify surface water and groundwater interaction, (4) predict groundwater level and quantity, (5) evaluate aquifer responses under stresses of drought and climate change, and (6) evaluate aquifer responses under the current practice and future pumping

6. Executive Director Duplechin reported that one application had been received for the Leo Bankston award, that being from Albemarle Corporation for process modifications in December 2016, to switch to using more river water that would result in a reduction of 10 MGD in starting 2017. Guidelines for submission of applications for the award require that work be completed during the calendar year for which the application is made, 2016 in this case. Discussion followed about EXXONMOBIL not re-submitting their application from last year (deadline missed). After some discussion, it was decided to send Albemarle and ExxonMobil certificates of recognition and to urge them to re-submit next year.

7. Mr. Roy Waggenpack of Owen & White discussed progress with the contract for public bid preparation entitled “2,000-ft sand Chloride Monitoring Well.” He had given the District a volume on insurance requirements that was forwarded to the AG’s office for review, and went on to discuss well design requirements and options. Diameter of hole, length of screen, what do with hole while it is open and what to do with hole long-term. Also discussed were property ownership at the EBR site. Temporary construction servitudes will be required from adjacent landowner (not part of contract). Commission will follow-up with Mr. Waggenpack on the information he needs.

8. District Executive Director gave some thoughts on the EPA Water Infrastructure Finance and Innovation Act (WIFIA) information that Commissioner Reonas requested. CAGWCC not far enough along to apply. The WIFIA is not a grant, but a loan that requires up to \$200,000 money to be pledged up front. Mr. Reonas said he had forwarded it to the Chairman and Director, citing a comment made during the last pumpage fee increase that installation of the scavenger well system ... will more than likely require a grant from EPA.” He admitted that he doesn’t feel that Capital Area is in any shape to apply for this loan. He presented a list of other entities that had sent letters of interest. Commissioner Walton suggested Commissioner Daniel’s past City Parish experience would be of help. Chairman Morvant opined that there are many avenues for funding and that we have plenty of time to decide on a financial instrument for this project. It was pointed out that it is not wise to compare the success of BRWC’s ‘1,500-ft sand’ scavenger well on North Street between N. 31st and N 32nd Streets. It was suggested we contact Rep. Garrett Graves’ office to meet with him or, preferably, his staff first.

9. Update of 2014 Management Plan

Mr. Reonas urged District staff to prepare an update to the management plan to be ready for ratification at the September Commission meeting such that it can be included in any reports required by HB 689. Commissioner Walton questioned as to why the management plan would be included in the HB 689 reports. Mr. Reonas responded that he couldn’t say “at this point in time.” Commissioner Walton reminded attendees that the District staff didn’t write the management plan, whereupon Mr. Reonas brought up the existing MOU between the Commission and the Office of Conservation, which would entail “recovery of costs” for staff time. It was stated by Commission Chairman Huggins that this would be handled within the Commission.

10. Chairman Morvant asked for public comments on the meeting. Commissioner Talbot for clarification on the “Public Comment” period on each item. District Executive Director made an announcement about the Budget Public Hearing scheduled for Monday, July 3, 2017, explaining that, due to some unforeseen problems with public notice, it was necessary to hold the meeting on the 3rd.

There being no more business the meeting was adjourned.

September 12, 2017

Capital Area Ground Water Conservation Commission Technical Committee Meeting
U.S. Geological Survey Auditorium 3535 South Sherwood Forest Blvd., Suite 120
Baton Rouge, LA 70816.
September 12, 2017
1:30 p.m.

I. Call to order

Nelson Morvant - Committee Chairman

II. Roll call & Establishment of Quorum

Anthony Duplechin - District Executive Director

III. Introductions

IV. Presentation on Correlation Principles Applied to the Baton Rouge Aquifer System*

Michael A. Simms, Ph.D., P.G., APTIM Environmental & Infrastructure, Inc.

V. Report from Planning and Specifications Sub-Committee

Mark Walton – Commissioner

- Plan for Management of the Southern Hills Aquifer System in the Baton Rouge Area
- Summary Plan for the Management of Salt Water Migration in the “1,500- Foot” and “2,000-Foot” Sands of the Baton Rouge Aquifer System

VI. 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

VII. Progress report on the Baton Rouge model

John Lovelace – Assistant Director

USGS Lower Mississippi Gulf Science Center Baton Rouge

VIII. Report on the current Board of Regents ITRS Projects

“Conjunctive Management of Baton Rouge Multi-Aquifer System for Saltwater Intrusion Mitigation” &

“Development of an Integrated Framework for Managing Sole Source Aquifer, Southeastern Louisiana

Dr. Frank T.C. Tsai,

Chevron Professor of Engineering

Director, Louisiana Water Resources Research Institute Louisiana State University

Department of Civil and Environmental Engineering

IX. Review of Act 425 of 2017 Regular Legislative Session

Barry Huggins – Commission Chairman

X. Public Comment

XI. 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.

Attendance at Mr. Simms presentation qualifies for professional development continuing education. Certificates of attendance will be available.

MEETING NOTES

Tuesday, September 12, 2017

Technical Committee Meeting Notes
Tuesday, September 12, 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
Todd Talbot*
Barry Hughins*
Mark Walton*

Johan Forsman*
John Jennings
Jeff Miller*
Ryan Scardina*

*- Technical Committee Members

Others attending were:

John Lovelace, USGS
Dennis McGehee, BRWC
Bruce Duhe, Layne
Michael Simms, CB&I
Frank Tsai, LSU
Rep. C. Denise Marcelle, Dist. 61

Roy Waggenpack, Owen & White
Tony Duplechin, CAGWCD Director
Joey Hebert, Georgia Pacific
Lindsay Gouedy, Sparta
Kameron Langlois, LMC

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

2. A Presentation on Correlation Principles Applied to the Baton Rouge Aquifer System was made by Michael A. Simms, Ph.D., P.G., of APTIM Environmental & Infrastructure, Inc.

3. Commissioner Walton reported on the meeting of the Planning and Specifications Sub-Committee, presenting proposed changes to the following documents for consideration by the full commission:

- a. Plan for Management of the Southern Hills Aquifer System in the Baton Rouge Area
- b. Summary Plan for the Management of Salt Water Migration in the “1,500-Foot” and “2,000-Foot” Sands of the Baton Rouge Aquifer System

Mr. Walton also asked Mr Waggenpack of Owen and White for an update on the “test” well design package. He stated that he was about 95% complete on putting the bid package together and needed to discuss land acquisition or a obtaining a construction easement for the drilling location. He will get with the Director to discuss.

Mr. Lovelace indicated the modeling would not be complete until the 2nd quarter of 2018 at the latest

4. Mark Walton reviewed the most recent pumping from the 1,500-ft and 2,000-ft sands. All pumpage was well within mandated limits.

5. John Lovelace with the USGS gave an update on the Baton Rouge Model. He reported preliminary results on future water-level changes and saltwater encroachment in the “1,500-foot,” “2,400-foot,” and “2,800-foot” sands.

6. Dr. Frank Tsai gave the following update for the Board of Regents ITRS Project “Conjunctive Management of Baton Rouge Multi-Aquifer System for Saltwater Intrusion Mitigation”

- Completed a Baton Rouge groundwater model (“400-foot” sand to “2,400-foot” sand) in 2016 for saltwater intrusion and water budget studies
- Documented modeling results in a journal paper “Modeling complex aquifer systems: a case study in Baton Rouge, Louisiana, Hai V. Pham & Frank T.-C. Tsai, Hydrogeology Journal, 25(3), 601-615, May 2017
- Presented modeling results to MODFLOW & MORE 2017 Conference “Grid Generation and Model Calibration for Complex Fluvial Aquifer System Including Geological Faults (Cover Figure for the Proceedings), Hai (4) Pham, Frank Tsai, and Karl Pohlmann, Proceedings, p46-51, May 21-24, 2017, Golden, Colorado
- Provided essential geological cross-sections to the Ad Hoc Group (now the P&S subcommittee) to determine potential location of test wells for the “2,000-foot” sand.
- Conducted saltwater intrusion remediation scenarios using extraction and injection approaches through vertical and/or horizontal wells.
- Compiled thousands of well logs to develop a Capital Area geologic framework.

7. Commission Chairman Huggins passed out copies of a letter from Commissioner of Conservation Ieyoub that included a draft version of proposed guidance form with a checklist for the District’s compliance with Act 425 of 2017. Conservation will accept comments until 4:30 PM on Friday, September 22.

8. Chairman Morvant asked for public comments on the meeting.

There being no more business the meeting was adjourned.

Planning and Specifications Sub-Committee

August 9, 2017

AGENDA

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
August 9, 2017
9:30 a.m.

Initial meeting

1. Call to order
2. Establishment of a quorum
3. Public comments on agenda items
4. Status update: “1,500-ft” scavenger well – Dennis McGehee
5. Update of “Plan for Management of the Southern Hills Aquifer System in the Baton Rouge Area” for review prior to presentation to the Technical Committee – Mark Walton
6. Update of “Summary Plan for the Management of Salt Water Migration in the “1,500-Foot” and “2,000-Foot” Sands of the Baton Rouge Aquifer System” for review prior to presentation to the Technical Committee – Mark Walton
7. Pumping scenarios for USGS “2,800-ft” model – Joey Hebert
8. Update of USGS activities for CAGWCC – John Lovelace
9. Update of LSU activities for CAGWCC – Dr. Frank Tsai
10. “2,000-ft” test well planning – Mark Walton
11. Additional business
12. Additional public comment
13. Adjournment

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.

August 9, 2017

Meeting Notes

Capital Area Ground Water Conservation Commission
Planning and Specification Subcommittee Meeting
August 9, 2017
Initial Meeting Notes

Sub-Committee members present were Messrs. Walton, Morvant and Stephens.
Mr. Daniel could not attend due to surgery.

Meeting was called to order

Commissioner Walton briefed attendees on the requirements of Act 425

Public comments were solicited on agenda items (none given)
Mr. Stephens opined that it seemed the agenda was beyond the charge of the sub-committee.

Mr McGehee of BRWC gave a status update on the 1,500-ft” scavenger well. The well couplet is still in operation. Pumpage was reduced by 10% . Chlorides went up in each well but chlorides at Lula Street Pumping Station went down. Water is still useable.

Mr. Walton gave an update of the “Plan for Management of the Southern Hills Aquifer System in the Baton Rouge Area”. He said he would update the USGS modeling schedule and address what has been done in the 1,500-foot and 2,000-foot sands.

Mr. Walton offered some changes to the “Summary Plan for the Management of Salt Water Migration in the “1,500-Foot” and “2,000-Foot” Sands of the Baton Rouge Aquifer System”

Mr. Stephens ask if the Commission should hire a consultant to update the “Management Plan and “Summary Plan”. This may be done in the future.

Mr. Lovelace of USGS gave a history of activities that USGS has done for Capital Area.

Mr. Hebert reported on usage in the “2,800-ft” sand. He said there is still some question as to the source of saltwater in this sand. Saltwater in the 2,800 predates development. He said that municipalities in the upper part of the parish, especially Zachary, are growing rapidly.

Dr. Tsai gave an overview of progress on the two Board of Regents projects he is working on (the District, along with ExxonMobil, Entergy, Georgia Pacific and Southern Ionics). With the first project reaching its completion, Dr. Tsai asked if the Commission would be willing to fund a continuation of the study.

Much discussion was had on the design of the “2,000-ft” test well. In the end, it was decided to have Owen & White put together a bid package to drill the well down to 2,400 feet, log it and have it plugged and abandoned. The Sub-Committee will use information from this well to plan location of the next well.

There being no more business the meeting was adjourned.

Budget Hearing

July 3, 2017

AGENDA

PUBLIC HEARING
DOCKET NO. CAGWCD 2017-01
Proposed Budget FY 2018

8:30 AM
July 3, 2017

Hearing Officer - Barry Hughhins, Chairman, Capital Area Groundwater Conservation Commission

Agenda

1. Welcome
2. Filing of State Exhibits
3. Public Comment
4. Adjournment

Hearing Summary

Hearings Officer Hughhins opened the hearing and welcomed all in attendance. He explained his duty as the hearing officer was to make sure that a clear and accurate record of these proceedings is made, and asked that any pager or a cell phone be turned off or silenced.

He explained that the purpose of the hearing was to allow all interested persons an opportunity to enter into the record relevant oral or written comments concerning the adoption of the proposed budget for FY 2018, asking all present to sign the attendance sheet. He stated that written comments had been accepted until 2:00 PM on June 30, 2017 (none were received), and that the public comment period for the docket would end at the conclusion of the hearing.

Mr. Hughhins then filed into the record the appropriate State exhibits.

- Exhibit 1 is a copy of the proposed FY 2018 budget;
- Exhibit 2 is a copy of the Notice that was published in the Official Parish Journals of East and West Baton Rouge, East and West Feliciana and Pointe Coupee.

He then asked for public comments.

Lt. General (retired) Russel Honoré rose, identified himself, and stated that the Commission should consider holding all of its meetings in downtown Baton Rouge either at the Department of Environmental Quality or at the Department of Natural Resources as the parking is better downtown than it is at the District's office.

There being no other comments, Mr. Hughhins thanked all for attending and adjourned the meeting, thus closing the comment period.

√ 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.

**BOARD OF REGENTS SUPPORT FUND RESEARCH AND DEVELOPMENT PROGRAM
“Development of an Integrated Framework for Managing Sole Source Aquifer, Southeastern Louisiana.”**

Prof. Frank Tsai - ftsai@lsu.edu

Project Summary

The project targets the economic sector “Coastal and Water Management” and collaborates with diversified industrial users to better manage groundwater resources of the Southern Hills Aquifer, southeastern Louisiana. The goal of the project is to develop an integrated framework that couples surface water, groundwater, and geologic systems to address future groundwater sustainability, resilience and land subsidence, which impacts diversified private and public stakeholders in the region. The Southern Hills Aquifer is part of Coastal Lowlands Aquifer System of Gulf Coastal Plain. It was designated as a sole source aquifer in 1988 by the USEPA owing to its essentiality to drinking water. Groundwater is an essential commodity to the regional economic development, especially for the Capital Area. In 2014, 25 industries and 34 public supply companies registered as groundwater users to the Capital Area Ground Water Conservation District (CAGWCD) of Louisiana. Prolonged excessive groundwater pumping in the Southern Hills Aquifer has caused groundwater depletion, saltwater intrusion, and land subsidence. To deal with the three alarming issues, the project proposes a groundwater management tool that includes hydroclimate modeling, groundwater modeling and subsidence modeling in order to represent a complete hydrology/geology system for the Southern Hills Aquifer. The project involves all industrial users (including privately owned water utility companies) in the CAGWCD and collaborates with the Capital Area Ground Water Conservation Commission (CAGWCC) to implement groundwater management recommendations to the industrial users. The project will transfer the groundwater management tool to the CAGWCC to have a broader and diversified impact on regional water management and economic development.

Year 1 Goals and Objectives:

Goal: Complete a hydroclimate model to predict groundwater recharge.

Objective: Develop a hydrologic model using USEPA HELP3 model to estimate historical groundwater recharge and predict future groundwater recharge. We will compile historical precipitation and temperature data from NOAA and the newest precipitation and temperature

projections from CMIP5 Climate and Hydrology Projections as an input forcing to the HELP3 model.

Year 2 Goals and Objectives:

Goal: Complete a groundwater model to predict groundwater level and estimate groundwater budget.

Objective: Develop a multi-aquifer groundwater model using USGS MODFLOW model. The groundwater model will include 11 sands (aquifers), identified in the Southern Hills Aquifer. We will couple the HELP3 model and the MODFLOW model to quantify groundwater recharge from surface water bodies (rivers, streams, lakes, etc.) as well as precipitation.

Year 3 Goals and Objectives:

Goal: Complete a subsidence model to predict subsidence hazards.

Objective: Develop a subsidence model using MODFLOW model with the USGS subsidence (SUB) package to predict land subsidence rate and subsidence amount caused by groundwater pumping. Couple the HELP3 model, the MODFLOW model, and the subsidence model to quantify groundwater recharge, groundwater budget, groundwater level, groundwater storage, and subsidence under groundwater pumping and climate change.

Final Goal: Complete a groundwater management tool by linking the integrated hydrology-geology model with a decision-making model to assess impacts of future groundwater pumping locations and pumping rates on groundwater sustainability, resilience, and land subsidence.

This project with the LSU and the Board of Regents has only recently been entered into through a cooperative agreement between CAGWCC, ExxonMobil, Entergy and Southern Ionics with Frank T.-C. Tsai, Ph.D., P.E., Chevron Professor of Engineering, Director, Louisiana Water Resources Research Institute, Louisiana State University, Department of Civil and Environmental Engineering Louisiana State University.



United States Department of the Interior

U.S. GEOLOGICAL SURVEY

Lower Mississippi Gulf Water Science Center
3535 S. Sherwood Forest Blvd, Suite 120
Baton Rouge, LA 70816

September 8, 2017

Tony Duplechin, Executive Director Capital
Area Groundwater Conservation District
3535 S Sherwood Forest Blvd Ste 137
Baton Rouge, La 70816

Dear Mr. Duplechin,

Enclosed are two signed originals of our standard joint-funding agreement for the project(s) Lower Mississippi Gulf Water Science Center Water Resources Investigations, during the period October 1, 2017 through September 30, 2022 in the amount of \$592,000 cash from your agency. U.S. Geological Survey contributions for this agreement are

\$110,000 for a combined total of \$702,000. Please sign and return one fully-executed original to Jennifer Harris at 308 S. Airport Road, Jackson, MS 39208.

This is a fixed cost agreement to be billed quarterly via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Jennifer Harris at phone number (601) 933-2925 or email at jrhans@usgs.gov.

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources studies.

Enc.: 18ESLA0000001(2)

Form 9-1366

U.S. Department of the Interior

Agreement#: 18ESLA000000001

(April 2015)

U.S. Geological Survey
Joint Funding Agreement

Customer#: 600000 1422

Project#: A0B30

TIN#: 72-0769247

FOR

USGS DUNS#: 012790072

Water Resource Investigations

Fixed Cost Agreement YES [X] NO []

THIS AGREEMENT is entered into as of the October 1, 2017, by the U.S. GEOLOGICAL SURVEY, Lower Mississippi Gulf Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Capital Area Groundwater Conservation party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation a program to develop and periodically update a groundwater flow and solute transport model of all 10 Baton Rouge sands that can be used to assess changes in pumping and evaluate possible groundwater management alternatives, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

- (a) \$110,000 by the party of the first part during the period
October 1, 2017 to September 30, 2022
- (b) \$592,000 by the party of the second part during the period
October 1, 2017 to September 30, 2022
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of:

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request; be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.

Form 9-1366

(April 2015)

U.S. Department of the Interior

**U.S. Geological Survey
Joint Funding Agreement**

FOR

Water Resource Investigations

Agreement#: 18ESLA000000001

Customer#: 6000001422

Project#: A0B30

TIN #: 72-0769247

USGS DUNS #: 012790072

9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered **quarterly**. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File 8-212222, August 23, 1983.).

USGS Technical Point of Contact

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Email: tony.duplechin@gmail.com

USGS Billing Point of Contact

Name: Jennifer Harris
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**U.S. Geological Survey
United States**

Department of Interior

Capital Area Groundwater Conservation

Original Signed

Original Signed

FISCAL RESOLUTIONS

06/19/2012 Authorized that the Commission earmark \$300,000 as a line item in the 2012- 2013 budget for modeling studies.

09/18/2012 Authorized the Commission to accept the USGS proposal titled, "*Development and Maintenance of a Computer Model to Simulate Groundwater Flow and Saltwater Encroachment in the Baton Rouge Sands, Louisiana*". The total estimated funding for this project over an 11-year period is \$2,019,000.

Following is a breakdown of the funding: Capital Area Ground Water Conservation Commission - \$879,900; Louisiana Department of Transportation & Development - \$439,800; U.S. Geological Survey - \$388,800; and East Baton Rouge City-Parish, Department of Public Works - \$310,500.

U. S. GEOLOGICAL SURVEY LOUISIANA WATER SCIENCE CENTER

DRAFT PROJECT PROPOSAL

**DEVELOPMENT AND MAINTENANCE OF A COMPUTER
MODEL TO SIMULATE GROUNDWATER FLOW AND
SALTWATER ENCROACHMENT IN THE BATON ROUGE SANDS,
LOUISIANA**

Proposal No. LA-12B

Prepared for the

Capital Area Ground Water Conservation
Commission

by

J.K. Lovelace and C.E. Heywood

U.S.GEOLOGICAL SURVEY

October 2012
revised August 2017

Development and Maintenance of a Computer Model to Simulate Groundwater Flow and Saltwater Encroachment in the Baton Rouge Sands, Louisiana

SUMMARY

Ten aquifers beneath the Baton Rouge area, Louisiana, are used for freshwater supplies and are variably impacted by water-level declines and/or saltwater encroachment. Long-term water-level declines have occurred in most of these aquifers and saltwater encroachment has been detected in six aquifers north of the Baton Rouge fault in East Baton Rouge Parish. The encroachment is in response to groundwater withdrawals, primarily for public supply and industrial uses, in Baton Rouge. Additional information is needed for water planners and managers in the Baton Rouge area to make decisions on future management of groundwater resources in the area. Computer models of the aquifers can be used to assess the impacts of past, current, and future pumping on water levels, groundwater flow directions, and saltwater movement in these aquifers.

During 2007-12, The U.S. Geological Survey, in cooperation with the Capital Area Ground Water Conservation Commission, the Louisiana Department of Transportation and Development, and the East Baton Rouge City-Parish Government, developed a computer model to simulate groundwater flow in the '1,500-foot" and "2,000-foot" sands and saltwater encroachment in the "2,000-foot" sand. Although the model focused on the ' 1,500-foot"and "2,000-foot" sands and was primarily calibrated to simulate the hydrology of those sands, the model incorporated all 10 of the Baton Rouge sands so that it could be modified at a later date to simulate flow and encroachment in all of the aquifers.

The USGS proposes to update, modify, and calibrate the model to accurately simulate groundwater conditions in all 10 Baton Rouge sands. The model would provide a tool for water planners and managers to assess the impacts of pumpage changes on all of the aquifers, evaluate possible management alternatives, and to make decisions about future development of groundwater resources in the area.

INTRODUCTION

Groundwater withdrawals in southeastern Louisiana have caused saltwater to encroach into freshwater aquifers. The most heavily pumped area includes the City of Baton Rouge and surrounding areas. The ten aquifers that underlie the Baton Rouge area, which includes East and West Baton Rouge Parishes, Pointe Coupee Parish, and East and West Feliciana Parishes, supplied about 173 Mgal/d (million gallons per day) in 2010 (B.P. Sargent, U.S. Geological Survey, written communication, 2011). Withdrawals in East Baton Rouge Parish accounted for about 153 Mgal/d.

Groundwater investigations in the 1960's delineated a freshwater-saltwater interface located near the Baton Rouge fault. Generally, aquifers in the Baton Rouge area contain freshwater north of the fault and saltwater south of the fault. Chloride concentrations are generally less than 10 milligrams per liter in these aquifers north of the fault. The occurrence of most of the saltwater in aquifers above the "2,800-ft" sand and north of the fault is due to movement of saltwater across the fault resulting from withdrawals in the Baton Rouge area.

Saltwater encroachment into freshwater areas north of the fault has been monitored in several aquifers using a network of observation wells. Saltwater was initially detected as early as the 1940's in the "600-ft" sand; by the 1990's saltwater had been detected in six aquifers north of the fault including the "600-ft," "1,000-ft," "1,200-ft," "1,500-ft," "2,000-ft," "2,400-ft," and "2,800-ft" sands. In some aquifers, production wells have been impacted.

PROBLEM

Additional information is needed for water planners and managers in the Baton Rouge area to make decisions on future management of groundwater resources in the area. Groundwater flow and solute transport models are needed for the Baton Rouge sands to simulate the effects of past, current, and a variety of possible future pumping scenarios and provide a tool to evaluate possible management alternatives. A unified model that simulates conditions for all of the aquifers will facilitate analysis of the effects of pumping changes within a particular aquifer on water levels in other aquifers in the area.

OBJECTIVE

The objective of the proposed work is to develop and periodically update a groundwater flow and solute transport model of all 10 Baton Rouge sands that can be used to assess changes in pumping and evaluate possible groundwater management alternatives.

SCOPE

The scope of the project includes all or part of 10 Louisiana parishes and 3 Mississippi counties that were within the original model grid. Flow and saltwater movement (when applicable) will be modeled in 10 aquifers, including the "400-ft," 600-ft," "800-ft," "1,000-ft," "1,200-ft," "1500-ft" "1 700-ft" "2 000-ft" ,"2 400-ft" and "2,800-ft" sands of the Baton Rouge area will be modeled over the 10-year project duration (2012-2022)

RELEVANCE AND BENEFITS

Use of a single model to simulate groundwater flow and saltwater encroachment in multiple aquifers will improve our understanding of how the aquifers work as a system. Because the aquifers are interconnected, changes in pumping in one aquifer often affects water levels within overlying and underlying aquifers. Use of a single model will improve our ability to assess these effects and manage groundwater resources. In addition, development of the proposed model will improve the understanding of:

- 1) current and future groundwater flow in the area.
- 2) the effects of each pumping center on the generalized flow (potentiometric surfaces).
- 3) the direction and movement of saltwater in the aquifers.
- 4) hydrogeologic structure of aquifers near the Baton Rouge fault in East and West Baton Rouge Parishes.

The finished model would provide a tool to evaluate:

- 1) the effectiveness of possible management options.
- 2) impacts of alternative pumping scenarios.
- 3) possible locations for saltwater monitor wells.
- 4) possible locations for scavenger or barrier wells.
- 5) saltwater discharge rates from scavenger wells.

In addition, the work addresses USGS Science Strategy goals related to:

- 1) providing society the information it needs regarding the amount and quality of groundwater in Louisiana;
- 2) predicting changes in the quantity and quality of water resources in response to changing climate, population, land use, and management scenarios;
- 3) anticipating and responding to water-related emergencies and conflicts; and
- 4) delivering timely hydrologic data, analyses, and decision-support tools seamlessly to support water-resource decisions in Louisiana.

APPROACH

The groundwater flow and solute transport model developed during 2007-12 will be enhanced, updated, and modified to enable assessment of the effects of pumping changes in all 10 Baton Rouge sands. The model was primarily calibrated to simulate flow in the "1500-ft" and "2,000-ft" sands and saltwater encroachment in the "2,000-ft" sand.

Model update

The groundwater flow and solute transport model developed during 2007-12 utilized well- construction data, pumpage, water-level, and chloride-concentration data from 1940 through 2007. The model will be updated to include data collected and compiled since 2007. The State well-registration database and CAGWCC records will be reviewed to identify new wells within the model domain. Well-construction data will be incorporated into the model as appropriate.

Data on groundwater withdrawals since 2007 will be compiled from USGS and CAGWCC records and will be incorporated into the model simulation. Water-level and chloride concentration data collected since 2007 during routine monitoring also will be utilized first to test the predictive capability of the currently-calibrated model, and subsequently to provide additional data for an updated model calibration, if necessary.

Model modification and calibration

The model developed during 2007-12 emphasized accurate simulation of water levels in the "1,500-ft" and "2,000-ft" sands. To simplify development and calibration of the model, some sands were grouped into a single hydrogeologic unit. The model will be

modified and calibrated for groundwater flow and, when needed, solute transport in additional sands in order of priorities established in consultation with the CAGWCC. A tentative list of concerns and priorities is shown in table 1.

Table 1. Baton Rouge aquifer concerns ranked and prioritized by water use, water-level trends, and chloride trends at network wells.

Sand	Withdrawals, in million gallons per day			Priority/concern rating				Comments
	Total	Public supply	Industrial and power generation	Use	Water-level	Salt-water	Overall	
400-ft	7.22	2.58	4.37	2	1	1	1	Several dual-screened wells in the 400-ft and 600-ft sands
600-ft	10.69	3.37	7.29	3	3	5	4	Large saltwater plume downtown
800-ft	5.37	4.79	0.58	2	2	2	2	Saltwater detected north of fault downtown
1000-ft	9.96	9.19	0.74	2	5	4	4	Saltwater along fault downtown and in southeast BR
1200-ft	21.55	12.05	9.40	4	5	3	4	Saltwater at public supply well near fault
1500-ft	25.49	17.34	7.36	4	5	5	5	Large plume affecting several public supply wells
1700-ft	11.36	4.89	6.03	2	5	1	3	Water-level declines likely caused by pumpage from 1500-ft sand
2000-ft	25.41	8.23	17.18	4	2	5	4	Large plume affecting public supply wells
2400-ft	21.66	16.33	5.24	4	4	3	4	Saltwater along fault downtown and in southeast BR
2800-ft	35.09	14.42	20.60	5	4	4	4	Saltwater affecting southernmost public supply wells in north BR
Use rankings (1, 0-5 Mgal/d; 2, 5-10 Mgal/d; 3, 10-20 Mgal/d; 4, 20-30 Mgal/d; 5, 30-40 Mgal/d)								
Water-level rankings (1, rising water levels; 2, stable water levels; 3, stable with some declines; 4, slowing declines; 5, mostly declining)								
Saltwater rankings (1, no encroachment; 2, saltwater present; 3, chloride rising; 4, production wells impacted; 5, large plume)								

Existing model layers that represent more than one aquifer will be split into two or more layers to represent individual aquifers. Where saltwater encroachment is an issue, multiple layers will probably be used to more accurately represent the stratigraphic variability of a sand and the stratification of saltwater within the sand. For instance, 10 model layers are currently used to simulate groundwater flow and salt transport within the

"2,000-ft" sand in the original model. The location and thickness of interbedded sand, silt, and clay layers within an aquifer will be determined from electric log data and used to define the thickness of layers within a sand.

Groundwater flow and saltwater encroachment will be calibrated for each sand as needed in orders of priorities determined in consultation with the CAGWCC. USGS modelling software, MODFLOW-2005 (Harbaugh, 2005), MT3DMS (Zheng and Wang, 1999), and SEAWAT (Langevin and others, 2005), will continue to be used to simulate flow and saltwater encroachment.

The version of the model developed during 2007-2012 utilizes a specified-head boundary condition in the model layer representing the "400-ft", "600-ft", and "800-ft" sands. This configuration does not allow simulation of the effects of future pumping from those sands, nor the possible effects of other environmental stresses, such as drought. The updated model will simulate water levels and possibly chloride concentrations within these sands by representing each of them with one or more finite-difference model layers. For the uppermost model layer, the change in water table elevation through time under unconfined conditions may be simulated by specifying transient (time varying) aerial recharge and evapotranspiration. Although simulation of transient changes in water table elevations has been difficult in the past because of a "wet/dry problem" with the model code, which can cause numerical instability, this model may utilize a new version of MODFLOW-NWT (Niswonger and others, 2011), that employs a Newton-Raphson-based formulation of the groundwater-flow equation and effectively eliminates this "wet/dry problem".

If the accurate simulation of particular sands requires a particular numerical technique (such as Newton-Raphson for an unconfined aquifer) or finer discretization than is present in the current version of the model, this may be accomplished by numerically coupling a "child model" of the sand of interest with the current, or "parent model" using a local grid refinement technique (Mehl and Hill, 2012).

The model will be calibrated using historic water-level and chloride concentration data with the parameter-estimation programs PEST (Doherty, 2004) or UCODE-2005 (Poeter and others, 2005), both of which optimize the model calibration using non-linear

regression. The calculation of observation and model-parameter sensitivities is an integral part of these regression methods, and these can be evaluated to help determine influential observations and controlling hydraulic properties. The formal parameter-estimation techniques also enable subsequent evaluation of predictive uncertainty (Doherty and others, 2010), and the potential worth of additional data in reducing model predictive uncertainty (Dausman and others, 2010). Such uncertainty analyses can be useful in designing effective mitigation strategies.

The particle-tracking code MODPATH (Pollock, 1994), which is compatible with MODFLOW, may also be used to initially delineate probable zones of contribution of water and salt to production wells, and estimate solute migration times due to advective transport.

If saltwater concentrations and resulting groundwater-density contrasts are sufficiently high to affect groundwater flow, the SEAWAT (Langevin and others, 2005) code could be used to simulate variable-density groundwater flow and the transport of the solute (saltwater).

SEAWAT integrates MODFLOW with the solute-transport code MT3DMS (Zheng and Wang, 1999); most model input and output files are identical to their parent-code counterparts.

WORK SCHEDULE

Oct. 2012 - Sept. 2017 The hydrogeologic framework of the study area was re-examined and the model structure was revised. The model was updated with recent pumpage, water-level, and chloride concentration data and calibrated to simulate saltwater encroachment in the "1,200-ft," "1,500-ft," "2,400-ft," and "2,800-ft" sands. Hypothetical pumping scenarios to investigate possible future encroachment were simulated for each sand.

Additional hypothetical pumping scenarios in the "2,000-ft" sand also were simulated. Results of the calibrated model and hypothetical simulations for the "1,200-ft" and "2,000-ft" sands were published in USGS Scientific Investigations Report 2015-5083.

Results of the of the calibrated model and hypothetical simulations for the "1,500-ft," "2,400-ft," and "2,800 -ft" sands are currently (August 2017) in preparation and is expected to be published in 2018.

- Oct. 2017 - Sept. 2018 Complete draft report on simulation of saltwater encroachment in the "1,500-ft;" "2,400-ft," and "2,800-ft" sands and submit for review and sands, submit the report for review and approval, and publish on-line and in hard copy. Update pumpage, water-level, and chloride concentration data for all sands in the model. Begin refinement of model to simulate flow and saltwater encroachment in the "400-ft," "600-ft," "800-ft," and "1,000-ft" sands. Incorporate a streamflow package to simulate the effects of the Mississippi River on water levels in the aquifers. Begin model calibration.
- Oct. 2018 - Sept. 2019 Complete model calibration. Develop and run selected hypothetical scenarios. Begin report documenting of results of model refinement and simulation of saltwater encroachment in the "400-ft," "600-ft," "800-ft," and "1,000-ft" sands.
- Oct. 2019 - Sept. 2020 Complete draft report on simulation of flow and saltwater encroachment in the "400-ft," "600-ft," "800-ft," and "1,000-ft" sands, submit the report for review and approval, and publish on-line and in hard copy. Update pumpage, water- level, and chloride concentration data for all sands in the model. Begin refinement of model to simulate flow and saltwater encroachment in the "1,700-ft" and "2,000-ft" sands.
- Oct. 2020- Sept. 2021 Complete model calibration. Develop and run selected hypothetical scenarios. Begin report documenting of results of model refinement and simulation of saltwater encroachment in the "1,700-ft," and "2,000-ft" sands.
- Oct. 2021 - Sept. 2022 Complete draft report on simulation of saltwater encroachment in the "1,700-ft," and "2,000-ft" sands, submit the report for review and approval, and publish on-line and in hard copy.

PRODUCTS

Details of model refinement, calibration, and sensitivity analysis, as well as results

or simulations, will be documented in USGS Scientific Investigations Reports. Upon completion of each major model refinement, copies of the model files will be stored in the USGS Baton Rouge office groundwater model archives, where they will be available to the public.

PROPOSED FUNDING

Estimated total funding needed for the work during two 5-year agreements is \$2,002,800.

Estimated annual costs for each 5-year period are shown below.

Agreement I-October 2012 through September 2017					
<u>FUNDING</u>					
<u>Fiscal Year</u>	<u>Total Cost</u>	<u>CAGWCC</u>	<u>LaDOTD</u>	<u>USGS</u>	<u>EBR-DPW</u>
Oct. 2012 - Sept. 2013	\$188,600	\$85,000	\$42,500	\$31,100	\$30,000
Oct. 2013 - Sept. 2014	\$192,500	\$86,700	\$43,400	\$31,800	\$30,600

Oct. 2014- Sept. 2015	\$196,700	\$88,400	\$44,200	\$32,500	\$31,200
Oct. 2015 - Sept. 2016	\$200,200	\$90,200	\$45,100	\$33,100	\$31,800
Oct. 2016- Sept. 2017	\$204,100	\$92,000	\$46,000	\$33,600	\$32,500
Agreement 1 total	\$982,100	\$442,300	\$221,600	\$162,100	\$156,100

Agreement 2-October 2017 through September 2022

Fiscal Year	Total Cost	FUNDING			
		CAGWCC	LaDOTD	USGS	EBR-DPW
Oct. 2017 - Sept. 2018	\$219,000	\$93,800	\$46,800	\$45,400	\$33,000
Oct. 2018 - Sept. 2019	\$223,800	\$95,700	\$47,900	\$46,400	\$33,800
Oct. 2019 - Sept. 2020	\$227,700	\$97,700	\$48,800	\$46,700	\$34,500
Oct. 2020 - Sept. 2021	\$231,600	\$99,600	\$49,600	\$47,300	\$35,100
Oct. 2021 - Serit. 2022	\$1182600	\$502800	\$252500	\$242300	182000
Agreement 2 total	\$1,020,700	\$437,600	\$218,600	\$210,100	\$154,400
Total Cost	\$2,002,800	\$879,900	\$440,200	\$372,200	\$310,500

REFERENCES

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

As a “narrative description” of saltwater intrusion within the District would only serve to confuse non-technical readers it has been decided to provide the most recent reports by USGS on modeling of saltwater intrusion in the District. One report “Simulation of groundwater flow in the Southern Hills regional aquifer system, and movement of saltwater in the 2,000-foot sand of the Baton Rouge area, Louisiana”, is included in the body of this report. Two others, “Simulation of Groundwater Flow in the “1,500-Foot” Sand and “2,000-Foot” Sand and Movement of Saltwater in the “2,000-Foot” Sand of the Baton Rouge Area, Louisiana” and “Simulation of Groundwater Flow and Chloride Transport in the “1,200-Foot” Sand With Scenarios To Mitigate Saltwater Migration in the “2,000-Foot” Sand in the Baton Rouge Area, Louisiana” have been attached as addenda to this report.

Simulation of groundwater flow in the Southern Hills regional aquifer system, and movement of saltwater in the 2,000-foot sand of the Baton Rouge area, Louisiana.

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ABSTRACT

Groundwater withdrawals since the 1940s have lowered water levels, altered groundwater-flow directions, and caused saltwater to intrude within some freshwater-containing sands of the fluvial-deltaic Southern Hills regional aquifer system beneath Baton Rouge, Louisiana. Groundwater investigations in the 1960's identified a freshwater-saltwater interface located at the Baton Rouge fault, where abrupt changes in water levels also occur. Generally, aquifers south of the fault contain saltwater and aquifers north of the fault contain freshwater, although by 2005 saltwater intrusion had been detected in seven of the ten sand aquifers north of the fault. The aquifers underlie East and West Baton Rouge Parishes, Pointe Coupee Parish, and East and West Feliciana Parishes, and provided about 184 million gallons per day (Mgal/d) for public supply and industrial use in 2012. Groundwater withdrawals from one aquifer about 2,000-feet deep (locally termed the “2,000-foot” sand) in East Baton Rouge Parish totaled 28.5 Mgal/d during 2012, and have caused water-level drawdown up to 356 feet and induced saltwater movement across the fault. This saltwater threatens industrial wells located about 3 miles north of the fault that accounted for 68 percent of the withdrawals from the “2,000-foot” sand in East Baton Rouge Parish in 2012. A variable-density groundwater model was developed using SEAWAT to evaluate saltwater remediation scenarios, including reductions in the groundwater withdrawals and installation of “scavenger” wells to withdraw and divert saltwater. Scenarios that incorporate a scavenger well simulate more effective saltwater-plume remediation than scenarios that reduce groundwater withdrawals.

INTRODUCTION

Fresh groundwater from the Southern Hills regional aquifer system is used for public and industrial supply in southeastern Louisiana. Ten sand aquifers are named for their depth of occurrence in the Baton Rouge area, which includes East and West Baton Rouge Parishes, Pointe Coupee Parish, and East and West Feliciana Parishes (fig. 1). These aquifers provided about 184 million gallons per day (Mgal/d) for public supply and industrial use in 2012. Fresh groundwater in most of these aquifers is generally soft, sodium bicarbonate water with a dissolved-solids concentration of less than about 200 milligrams per liter (mg/L) (Meyer and Turcan, 1955) that requires little treatment (Stuart and others, 1994). Groundwater withdrawals in the Baton Rouge area since the 1940s have lowered water levels and altered groundwater-flow directions in most of the 10 underlying freshwater-bearing aquifers, and caused saltwater to intrude north of the Baton Rouge fault. By 2005, saltwater intrusion had been detected in seven aquifers, including the “1,200-foot” sand and “2,000-foot” sand in East Baton Rouge Parish (Lovelace, 2007). Groundwater withdrawals from the “2,000-foot” sand, (28.5 Mgal/d during 2012) have caused water-level drawdown up to 356 feet and induced saltwater movement north of the fault. This saltwater threatens industrial wells located about 3 miles north of the fault that accounted for about 68 percent of the withdrawals from the 2,000-ft sand in East Baton Rouge Parish in 2012.

Water planners and managers need a tool to assess possible remediation strategies to control further saltwater intrusion in the Baton Rouge area. The U.S. Geological Survey, in cooperation with the Capital Area Ground Water Conservation Commission, Louisiana Department of Transportation and Development, and the City of Baton Rouge and Parish of East Baton Rouge, developed a groundwater- flow and saltwater-transport model of the Southern Hills regional aquifer system (Heywood and others, 2014) to evaluate the effects of remediation strategies on saltwater intrusion.

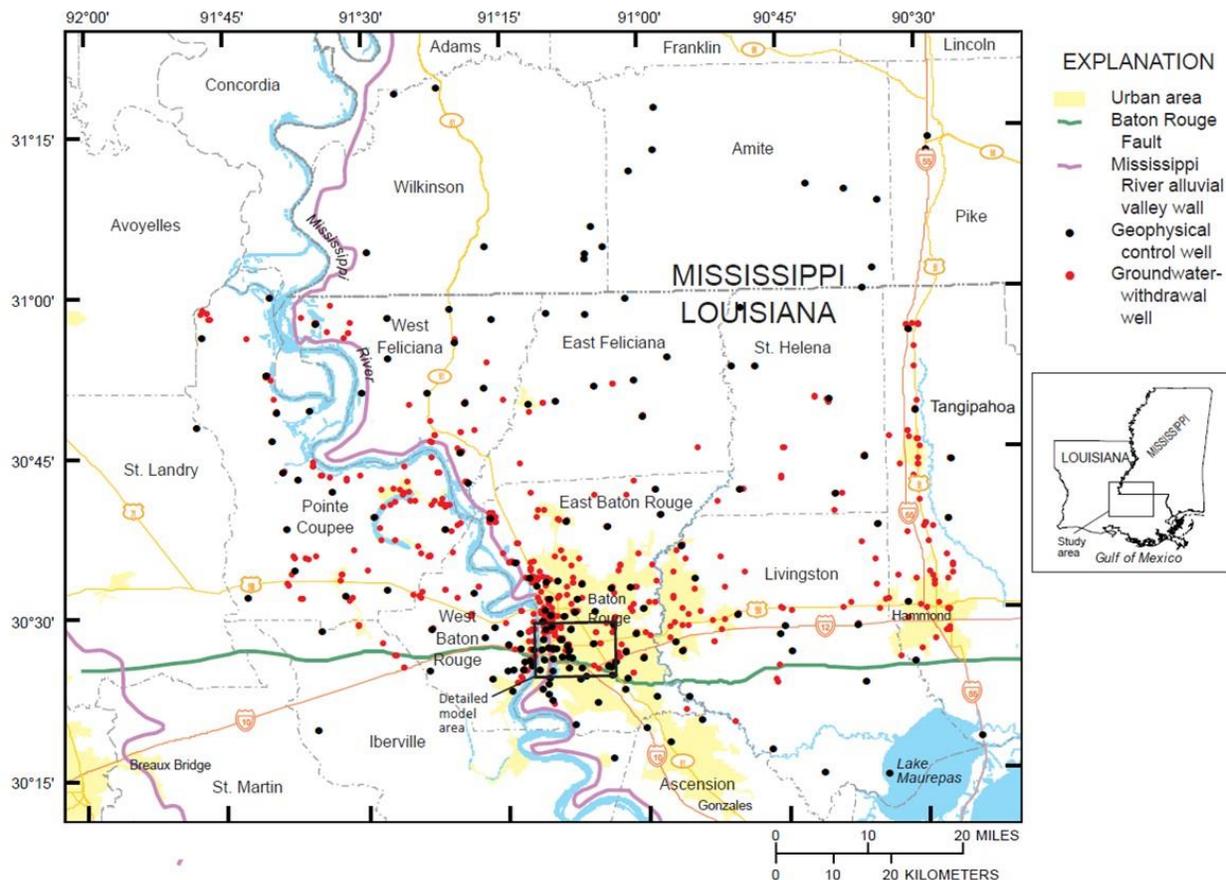


Figure 1. Map of the study area, showing location of the Baton Rouge Fault, geophysical-control and groundwater-withdrawal wells in southeastern Louisiana and southwestern Mississippi.

GROUNDWATER FLOW AND TRANSPORT MODEL

The flow and transport model of the Southern Hills regional aquifer system simulates the effects of groundwater withdrawals on groundwater flow in the aquifer system and the movement of saltwater northward from the Baton Rouge Fault in the “2,000-foot” sand in East Baton Rouge Parish. Density differences between areas with contrasting saltwater concentrations affect groundwater flow between those areas, so the variable-density SEAWAT code that couples the groundwater flow and solute-transport equations (Langevin and others, 2003), was used to simulate groundwater flow and chloride transport. A 3-dimensional hydrogeologic framework was constructed using geophysical data from locations shown in figure 1 to define the extents and thicknesses of the aquifers and confining units in the study area, which also encompasses the groundwater flow model domain. The model contains 24 layers that represent the entire sequence of sands and clays from land surface to the base of the “2,800-foot” sand (fig. 2). The top layer represents the Mississippi River alluvial aquifer, shallow sands, upland terrace aquifer, and the “400-foot” sand, “600-foot” sand, and “800-foot” sand. The “2,000-foot” sand is represented by 10 layers (layers 11-20). The finite-difference grid incorporates increasing cell spacing toward the model boundaries so that the entire 6,529 square mile study area is contained within 95 rows and 120 columns of finite-difference cells. The hydrogeologic framework geometry was defined independently from finite-difference discretization, which facilitated simulation of flow between hydrogeologic units where they are juxtaposed at the Baton Rouge Fault. Additional resistance to flow across the Baton Rouge Fault was simulated with horizontal flow barriers. Following an initial steady-state stress period that simulated predevelopment conditions prior to 1940, 73 annual transient stress periods simulated the period 1940 through 2012. The period 2013 through 2014 was simulated with

2012 withdrawal rates. Three additional stress periods were then used to simulate five scenarios to predict the effects of remediation strategies from 2015 through 2112. Transient water levels within the top model layer were specified by interpolation between levels observed during 1944, 1980, 1984, 1990, 1998, 1999, and 2004. Underflow to and from areas south of the simulated aquifer system was represented through a specified-head boundary along the southernmost row of the deepest model layer that was estimated during model calibration. The remaining lateral and lower boundaries of the flow domain were simulated as no-flow boundaries. Average daily withdrawal rates were specified for 636 wells for each annual stress period from 1940 through 2012.

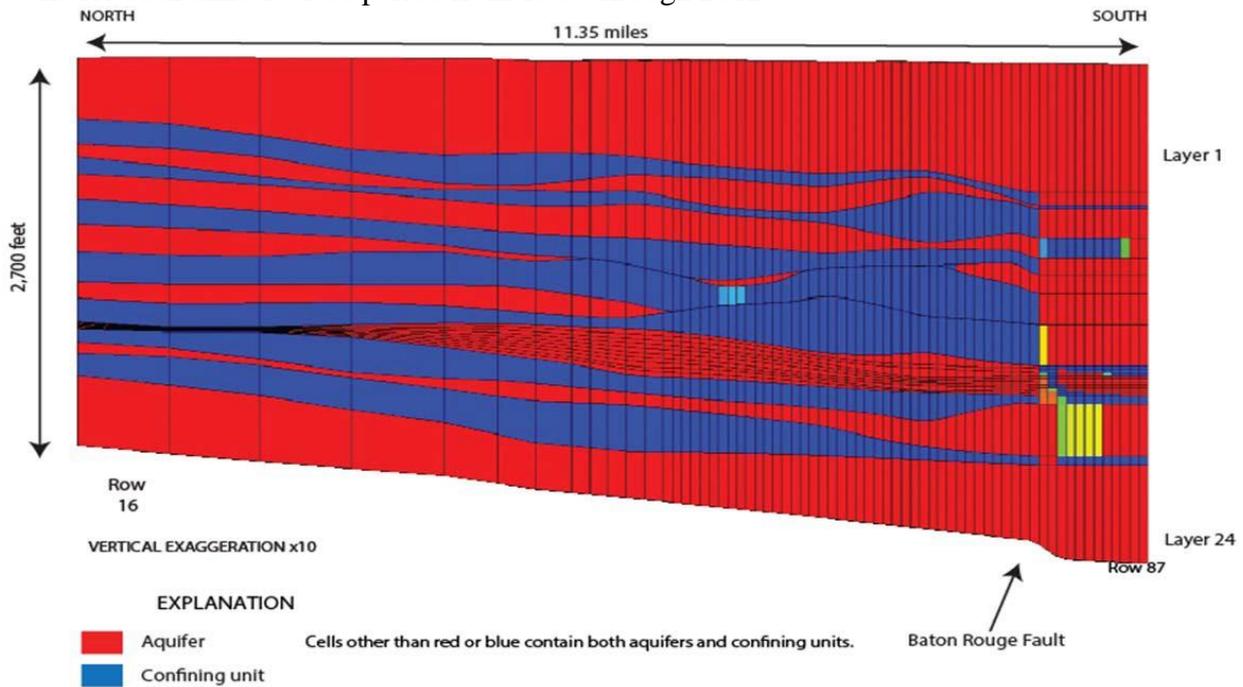


Figure 2. North-South vertical section along column 24 from row 16 to row 87 showing aquifer and confining layers.

The groundwater-flow model was calibrated to 3,895 water levels measured between 1940 and 2011 with the parameter-estimation code PEST (Doherty, 2004). One thousand sixteen additional water levels were used to evaluate the accuracy of the specified-head boundaries in the top model layer. The estimated values of 212 parameters representing hydraulic conductivity and specific storage were all within the range considered reasonable. Under predevelopment conditions, the simulated steady-state water budget indicates that about 67.5 Mgal/d of water entered and exited the groundwater-flow model domain (table 1). Net simulated infiltration of 3.35 Mgal/d from the top specified-head model layer into the underlying model layer is balanced by net outflow through the constant-head boundary along the southernmost row of the deepest model layer (layer 24). By the end of the transient historical simulation (December 31, 2012), substantial net groundwater withdrawals (171 Mgal/d during 2012) had caused water-level declines and increased net infiltration from layer 1 to 92.9 Mgal/d.

Budget component		Steady-state (Mgal/d)	Transient (Mgal/d)
In	Specified-head layer 1	65.56	108.45
	South row of layer 24	1.90	64.74
	Storage	0	13.66
	Multi-node wells	0	0.79
Out	Specified-head layer 1	62.21	15.52
	South row of layer 24	5.25	0
	Storage	0	0.02
	Multi-node wells	0	172.10

Table 1. Steady-state and transient flow rates.

Solute transport was simulated within a 60-row by 90-column portion of the model domain in the Baton Rouge area that is composed of 500-ft by 500-ft finite-difference cells (“detailed model area” on figure 1). Grid cells south of the Baton Rouge Fault are constant-concentration boundaries (fig. 3), while cells north of the fault are variable-concentration cells for which a concentration was calculated for each transport time step. The initial chloride concentration within grid cells on the south side of the Baton Rouge Fault (layers 10 through 20) increase linearly with depth from 0 to the maximum concentration of 10,000 milligrams per liter (mg/L) that was estimated during model calibration. These model layers are laterally connected to the 10 layers that simulate the “2,000-foot” sand north of the fault. Other areas within the solute transport domain had initial concentrations of 0 mg/L. By 2012, simulated chloride concentrations immediately north of the fault are as high as 5,120 mg/L and rapidly decline to the north between wells EB-781 and EB-807B (fig. 3).

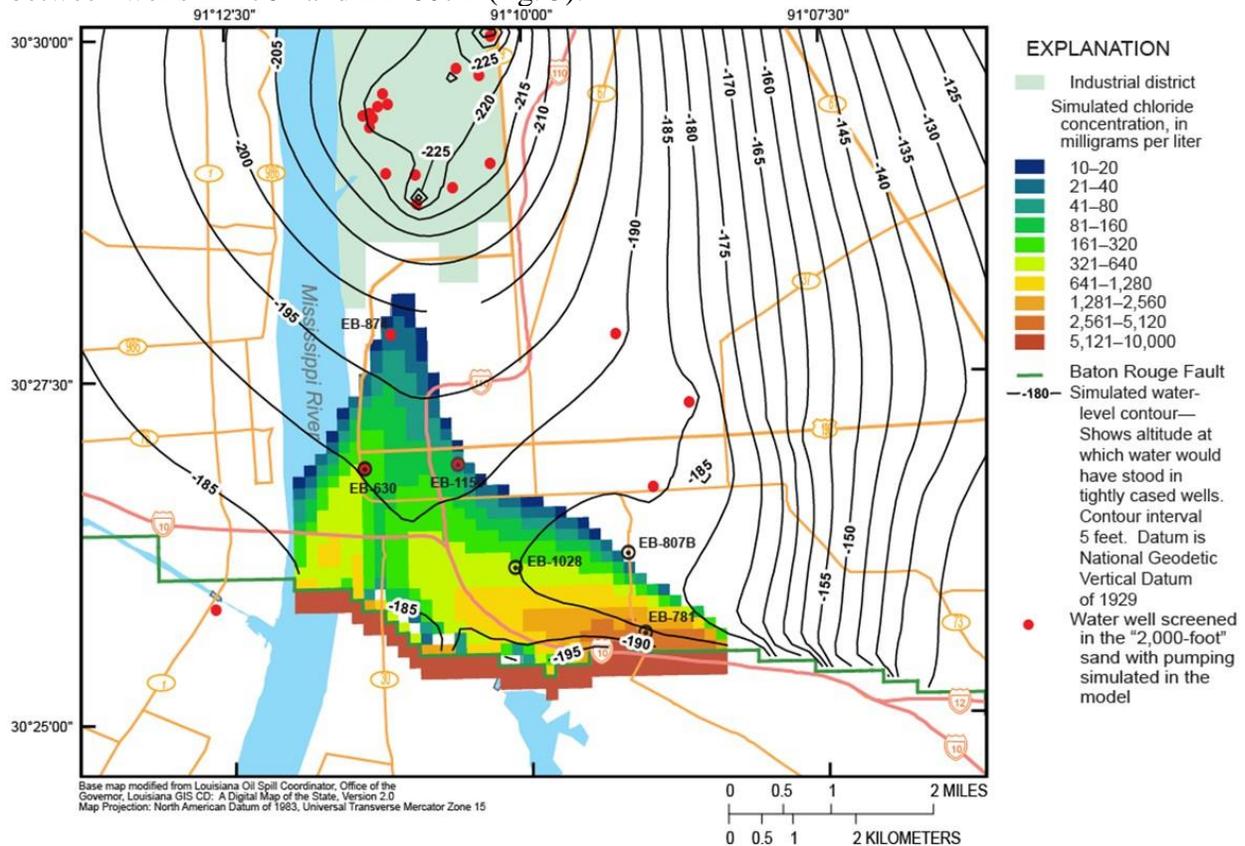


Figure 3. Simulated 2012 water levels and chloride concentrations at the base of the "2,000-foot" sand of the Baton Rouge area in the detailed model area in southeastern Louisiana.

SIMULATED MANAGEMENT SCENARIOS

Five scenarios simulated the effects of various remediation strategies in the “2,000-foot” sand from 2012 through 2112. Scenario 1 provides a “status quo” benchmark for comparison to four other scenarios by continuing 2012 withdrawal rates for 100 years. Scenario 2 simulates a 0.70 Mgal/d decrease in withdrawals from the “2,000-foot” sand, whereas scenario 3 simulates a ten-fold reduction, (7.34 Mgal/day). Scenario 4 simulates the same reduction as scenario 2, but includes 1.25 Mgal/d withdrawals from a “scavenger well” that pumps saltwater from the base of the “2,000-foot” sand and fresh water from the top of that aquifer. Scenario 5 simulates the larger reductions in scenario 3 with the 1.25 Mgal/d scavenger-well withdrawals at the same location as in scenario 4. Modifications to withdrawal

rates at selected existing and hypothetical public supply and industrial wells were simulated to begin in 2015, whereas withdrawals from the hypothetical scavenger well were simulated to begin in 2017. The simulated effects of all scenarios are summarized by plots of the rate of net salt mass (NaCl) accumulation in the aquifer through time (fig. 4). The rate of salt accumulation decreases for all scenarios, including scenario 1, because salt transport decreases with the decreasing simulated hydraulic gradient across the fault as hydraulic equilibrium is approached. The rate curves could be used to evaluate the effectiveness of the different remediation scenarios. By this metric, scenario 2 is least effective in reducing salt accumulation, whereas the scavenger-well scenarios (4 and 5) are most effective in lowering the rate of salt-mass accumulation. The scavenger-well scenarios also result in the smallest median chloride concentrations within saline areas north of the fault. These results suggest that installation of scavenger wells are more effective in controlling saltwater intrusion than reductions to industrial and public-supply withdrawals.

Ongoing improvements to the model include simulation of transport in other aquifers including the "1,200-foot", "2,400-foot", and "2,800-foot" sands. Results of these simulations will further assist the local groundwater management authorities in their evaluation of their saltwater intrusion remediation options.

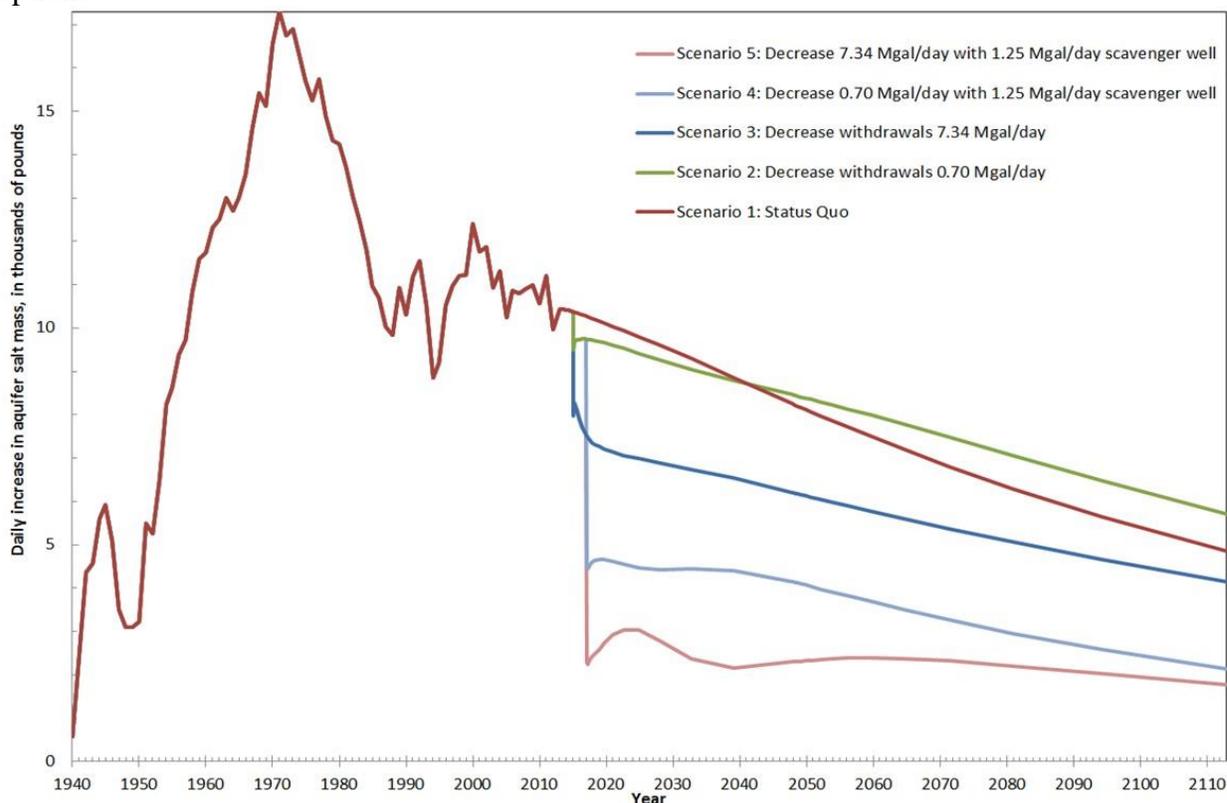


Figure 4. Simulated changes in salt mass in the "2,000-foot" sand of the Baton Rouge area north of the Baton Rouge Fault, 1940-2012, and predicted changes in salt mass during 5 hypothetical pumping scenarios, 2013-2112.

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In addition, the District has a contract with Owen & White Engineers to develop a bid package to solicit bids for the drilling of an exploratory well on Acadian Thruway to determine the thickness of the “2,000-ft” sand in that area and to run a log to determine the location and concentration of saltwater in that sand in anticipation of a possible future saltwater scavenger well.

- √ E. A narrative description and status update of any actual and projected land surface subsidence within the CAGWCD.

In March 1978, the District published a report (copy attached) titled “Subsidence in the Capital Area Groundwater Conservation District – An Update” by Charles G. Smith and Raphael Kazmann. The conclusions of that report stated:

CONCLUSIONS

The Capital Area Ground Water Conservation District is subject to natural subsidence amounting to between about 0.003 and 0.016 ft. per year (Holdahl and Morrison, 1974) due to tectonic adjustments. This subsidence affects large areas and is not a source of differential settling, which could cause problems in the structural integrity of foundations. Local areas of subsidence, due to natural fault movement, sediment compaction and/or pressure reduction due to the pumping of water from artesian aquifers, add to the effects of regional subsidence and, in addition, have the potential for damaging foundations and hydrologic structures (i.e., levees, canals, sewers). Local subsidence associated with withdrawal of ground water from the industrial area of Baton Rouge has been reported by Davis and Rollo (1969) and Wintz, Kazmann, and Smith (1970). The 1976 releveled of the NGS adds a substantial amount of data, which is the basis for a detailed comparison of subsidence over the entire District in the 12 years since the 1964 survey.

The two most important sources of local subsidence in the District are:

1. groundwater pumping from artesian aquifers, and

2. natural downward movement of the south side of the Baton Rouge fault.

Maximum subsidence in the Baton Rouge Industrial Area was 0.49 ft. between 1964 and 1976 and 1.67 ft. between 1935 and 1976. Eliminating effects of regional subsidence –assumed to be 0.01 ft. per year (Wintz, Kazmann, and Smith(1970) these subsidence figures become 0.42 and 1.26 ft., respectively.

In the present study, the average subsidence rate in the industrial area (benchmark N-76) is computed to be 0.035 ft. per year for the 1964-1976 period. This rate is lower than the 0.046 ft. per year rate computed for the same benchmark for the 1964-1969 period from Wintz, Kazmann, and Smith (1970). This difference may in part result from comparison of adjusted elevation differences used by Wintz, Kazmann, and Smith with unadjusted elevations in this study or it may indicate an actual reduction in the subsidence rate since 1969 owing to the decline in ground-water withdrawals of about 5 percent over the same period. If the subsidence rate measured -- 0.035 ft. per year -- during the last 12 years continues, the total subsidence in the industrial area in 1990 will only be about 2.25 ft., as compared to the 3 ft. of subsidence predicted by Wintz, Kazmann, and Smith (1970).

South of the Baton Rouge fault more than 0.2 ft. of subsidence was measured between 1964 and 1976 in the NGS survey in an east-west trending zone approximately one mile wide. This natural rate of movement, consistent with earlier studies, would produce a total of about 1 ft. of subsidence for the 1935 to 1990 period.

As an addition to the subsidence noted in earlier studies of Davis and Rollo (1969) and Wintz, Kazmann, and Smith (1970), the areas east of Airline Highway along Greenwell Springs Road and north from Baton Rouge to Slaughter appear to be subsiding at a higher rate than previously measured.

The releveling of 1964 and 1976 by the National Geodetic Survey have greatly added to the fundamental data on land surface elevations in the Capital Area Ground Water Conservation District. This data base will improve the precision of future relevelings to determine areas and rates of subsidence.

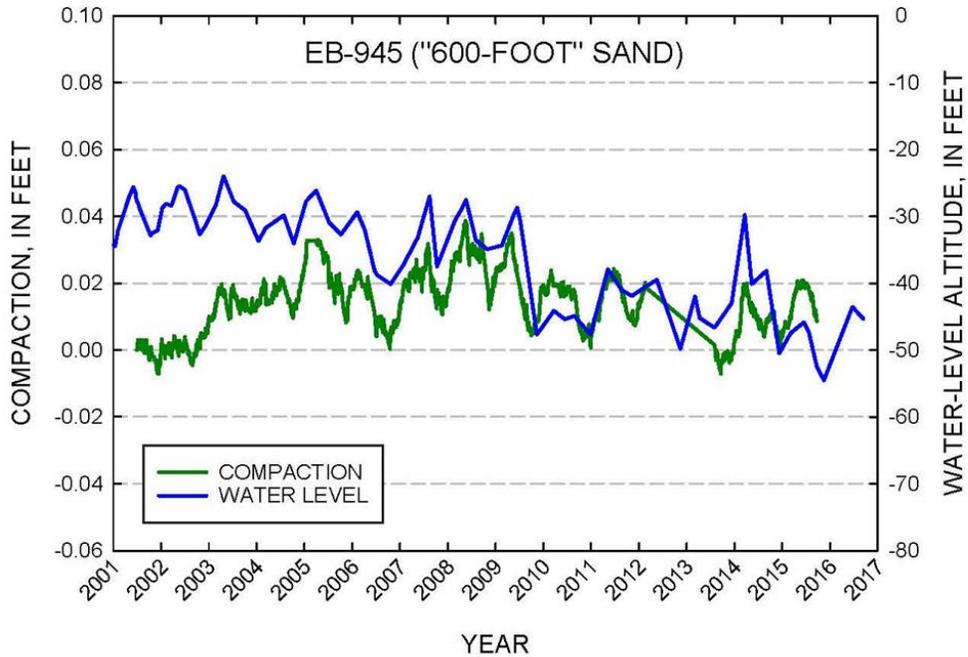
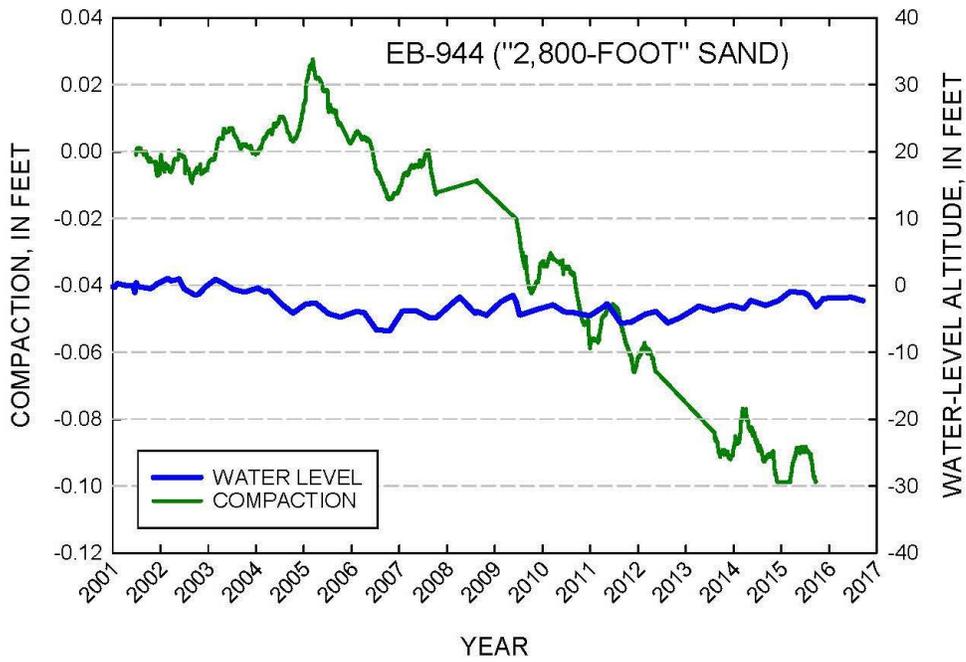
In addition, the US Geological Survey still operates some extensometers in the Industrial District.

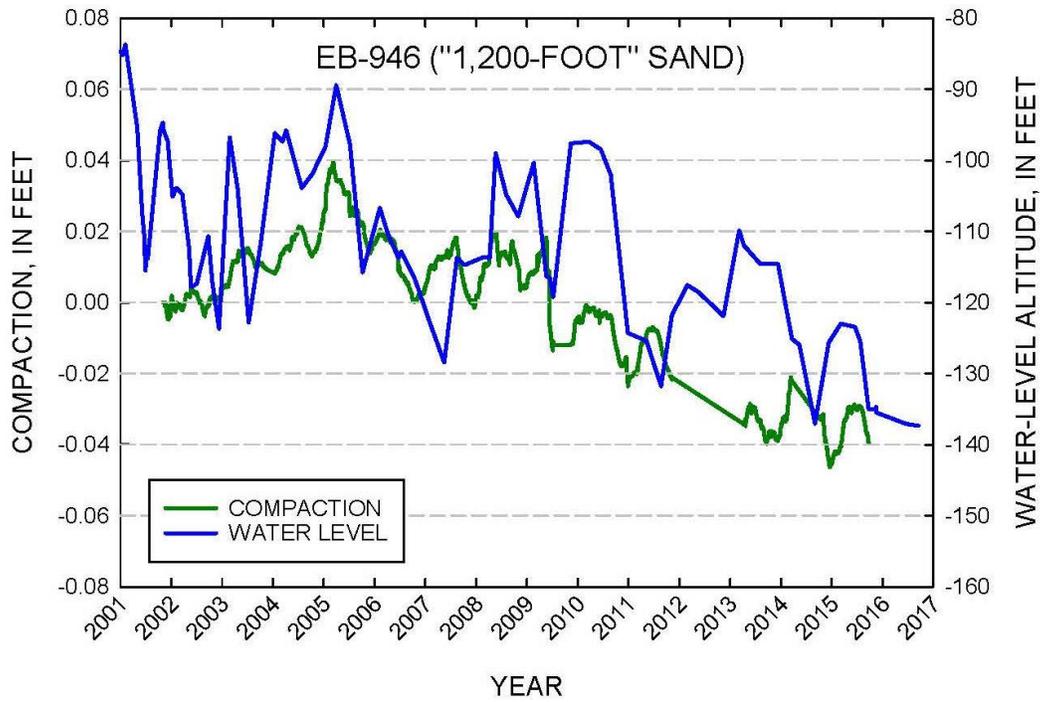
The graphs below show changes in compaction and water-levels from 2001 through 2015 at a site in the Baton Rouge industrial district. The graphs show conditions at 3 extensometers that were designed to monitor compaction across 3 zones. The shallowest extensometer, EB-945, is set in the "600-foot" sand and measures compaction from land surface to a depth of 833 ft. The intermediate extensometer, EB-946, is set in the "1,700-foot" sand and measures compaction from land surface to a depth of 1,700 ft. The deepest extensometer, EB-944, is set in the "2,800-foot" sand and measures compaction from land surface to a depth of 2,997 ft.

Recorded compaction data from each site were normalized to an initial value of 0 on June 28, 2001, to facilitate analysis and comparison. Positive values of compaction indicate expansion and negative values indicate compaction. All 3 graphs show periods of elastic compaction and rebound. Straight lines generally indicate missing data.

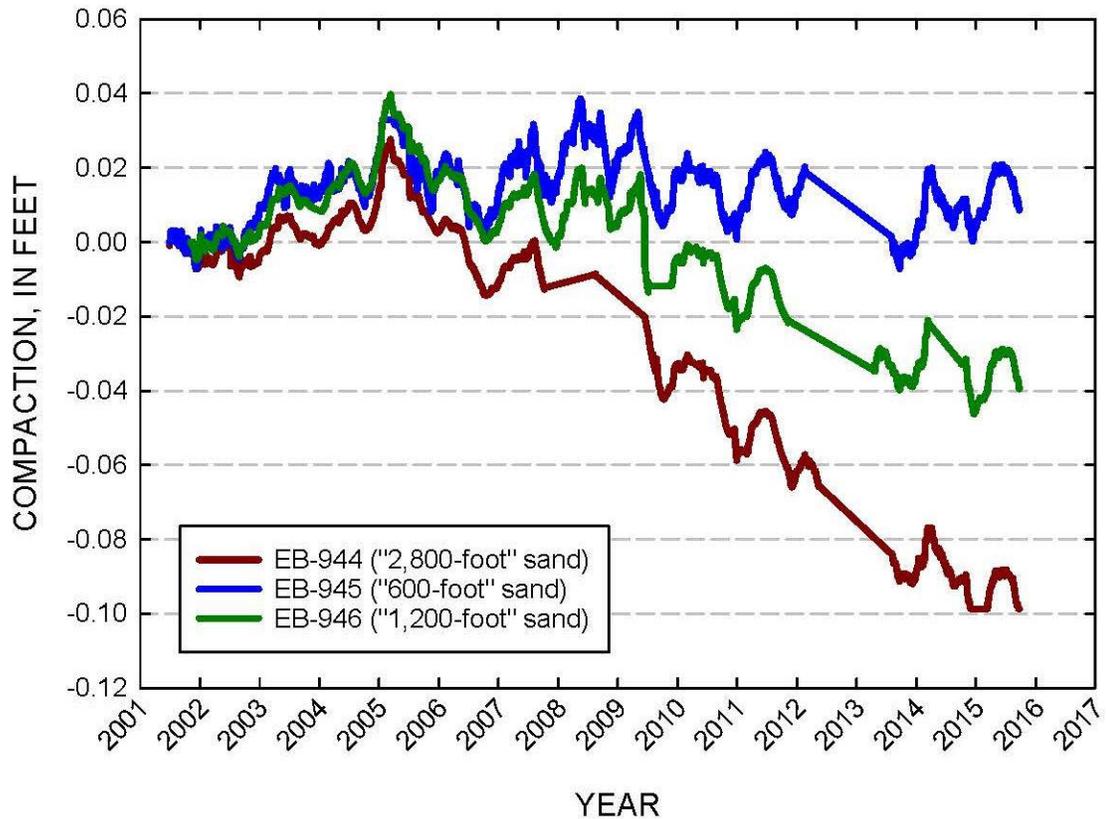
Between 2001 and 2015, sediment between land surface and a depth of 833 ft showed net expansion of about 0.01 ft or 0.00067 ft/yr. Sediment between 833 and 1,700 ft showed net compaction of about 0.05 ft or 0.0033 ft/yr. Sediment between 1,700 and 2,997 ft showed net compaction of about 0.06 ft or 0.004 ft/yr. Net compaction across all 3 zones was about 0.10 ft or 0.0067 ft/yr over the 15 year period. This

rate is roughly half of the 0.014 ft/yr compaction rate during 1975-79 that was documented by Whiteman (1980).





Expansion and compaction (-) during 2001-2015 at three extensometers located in the Baton Rouge industrial district.



- √ 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.*

Capital Area Ground Water Conservation Commission

Plan for Management of the

Southern Hills Aquifer System in the Baton Rouge Area

September 19, 2017

Purpose and Scope

The Southern Hills Aquifer System (aquifer system) is a renewable groundwater resource that extends from Vicksburg, Mississippi, south to Baton Rouge, west through West Baton Rouge and Pointe Coupee parishes, thence east through the eight Florida Parishes to the Pearl River. The aquifer system supplies southeast Louisiana with a large quantity of water that is used for domestic, agricultural, light business, and industrial purposes. Approximately 150 million gallons of water per day is drawn from the aquifer system in East Baton Rouge Parish, primarily for public supply and industrial use. In the Baton Rouge area, the aquifer system consists of 10 individual sands (aquifers) that are named according to depth.

In the Baton Rouge area, pumping limits put in place by the Capital Area Ground Water Conservation Commission (CAGWCC) in the 1970's, 1990's, and in 2013, should assure adequate water levels, hence groundwater availability. Under pumping patterns that have developed over the past 80 years, declines in water levels near the Baton Rouge fault, a leaky hydrologic barrier, are allowing movement of saltwater from south of the fault to the north into freshwater sands. Saltwater has reached some pumping wells in a portion of East Baton Rouge Parish near the fault, primarily in two of the aquifer system's 10 individual sands.

This saltwater encroachment is directed at two major pumping centers. In the 2,000-foot sand the pumping center is located in the industrial district north of downtown Baton Rouge. In the 1,500-foot sand the pumping center is located at a public supply well field further southeast. It is the goal of the CAGWCC to effectively reduce and manage this saltwater encroachment in these two affected sands and to manage groundwater withdrawals to assure fresh groundwater availability from all 10 sands for the future. The purpose of this management plan is to describe the methods employed by the CAGWCC to achieve that goal.

Management Authority of the Capital Area Ground Water Conservation Commission

The Capital Area Ground Water Conservation District (District) was created in 1974, to promote the orderly development and conservation of the District's groundwater resources. The District is composed of the parishes of East Baton Rouge, East Feliciana, Pointe Coupee, West Baton Rouge and West Feliciana, and is governed by the CAGWCC, which is appointed by the Governor and includes members representing the various user groups (industry, public supply, and agriculture) as well as from parish governments and state agencies, including the Office of Conservation, and the Department of

Environmental Quality. The CAGWCC has wide authority to manage the District's groundwater resources through groundwater pumpage reporting, usage fees, well permitting, pumping limits and restrictions, and other regulatory tools.

Planning Goals of the CAGWCC, Including New Scientific Models of the Aquifer System

To meet its goals of managing saltwater encroachment in affected sands and managing groundwater withdrawals to assure future availability for all 10 individual sands, the CAGWCC has endorsed a strong plan of action based on sound and objective science, including:

1. Collecting and analyzing chloride, water level and water use data,
2. Pumping reductions from specific sands in specific areas,
3. Restrictions by use for particular sands in the District,
4. Supporting the installation of a saltwater "scavenger well" in the 1,500-foot sand, and potentially another in the 2,000-foot sand,
5. Development of a long-term scientific model of the aquifer system through a contract with the U.S. Geological Survey (USGS), and
6. Continued use of sound and objective science to determine other necessary management measures, including but not limited to the potential movement of wells and well fields to reduce and/or redistribute pumping in specific sands.

This section describes the planning process that the CAGWCC uses to evaluate data drawn from the aquifer system model in order to manage groundwater levels in such a way to assure long term availability of the resource, and manage saltwater encroachment in affected sands. Provided below are:

1. A review of how the CAGWCC collects and processes scientific information,
2. The prioritized schedule for the aquifer system model, and
3. The schedule for data evaluation and management response for individual sands.

NOTE: This plan is intended to be flexible and responsive to new information; dates and priorities may change as the CAGWCC gains more knowledge about the aquifer system in the Baton Rouge area.

How the CAGWCC Processes Information about the Aquifer System

The CAGWCC collects monthly pumpage data from wells in the District and, through a cooperative program with the USGS, collects data to monitor groundwater conditions in the District. These

data include water levels and chloride concentrations from wells in selected areas in the District. The USGS presents water level trends and chloride concentration trends annually to the CAGWCC.

The CAGWCC monitors modeling as it progresses through the USGS, and monitors relevant data from other resources as well. Other available resources include professional engineering firms and academic researchers that investigate specific aquifer-related questions.

Upon the establishment of credible, actionable evidence based on the collected data and modeling for an individual sand, the CAGWCC prepares a list of alternatives to manage water levels and/or saltwater migration in that sand. Various pumping scenarios are modeled by the USGS to simulate future aquifer responses to ascertain availability and/or management of saltwater migration.

To manage saltwater migration in a sand, the CAGWCC compiles a list of alternative management techniques that could be used to control saltwater movement, including but not limited to:

- **Freshwater Pumping Reductions** - This option uses modeling to depict a pumping scenario that controls saltwater movement, ultimately returning pumping conditions to the state where hydraulic pressure is higher on the north side of the Baton Rouge fault than on the south side, thereby halting saltwater migration northward.
- **Freshwater Injection** - This option would inject freshwater on the north side of the fault to raise hydraulic pressure so that saltwater does not migrate from south to north.
- **Saltwater Removal South of the Baton Rouge Fault** - This option pumps massive amounts of saltwater from the south side of the fault so that the hydraulic pressure is lower on that side, thereby halting northward migration.
- **Saltwater Scavenging** - This option removes saltwater from the sand at a rate that modeling indicates would halt northward movement. This option can include lines of small capacity well points or one or more high capacity wells.
- **Combination of Saltwater Scavenging with some Fresh Water Pumping Reductions** - This option would limit or offset water level declines to assure continued availability along with the effective management of saltwater encroachment.

Based on a review of available alternatives and practical considerations, such as land acquisition, legal issues, cost/benefits analyses, permitting and disposition of excess saltwater, among others, the CAGWCC develops and then implements a management strategy for that sand.

At the end of the modeling period the CAGWCC will have the ability to set pumping limits for individual sands so that current and potential users know the resource’s availability and vulnerability to saltwater encroachment.

Process for Developing a Management Plan for Individual Sands

1. Work with the USGS to clarify data collection and investigative priorities.
2. Review the USGS modeling results (including preliminary results as available).
3. If model results indicate a threat to the long term use of the groundwater, identify options to manage the threat.
4. Evaluate the viability of the options. Model scenarios as required.
5. Develop and implement a management strategy.
6. Monitor effectiveness of the plan implementation using collected data and make adjustments as needed.

Current Prioritized Schedule for Scientific Modeling of the Aquifer System

In September 2012, the CAGWCC entered a 10-year agreement with the USGS to model the remaining sands within the Southern Hills Aquifer System in the Baton Rouge area after completing such models for the 1,500-foot and 2,000-foot sands. Funding for this work is provided by the CAGWCC, the Public Works and Water Resources Division of the Louisiana Department of Transportation and Development, the USGS, and the City of Baton Rouge and Parish of East Baton Rouge. These parties agreed on a priority ranking to schedule the work for individual sands based on identified saltwater encroachment, and need to ascertain water availability.

Modeling Schedule (Subject to Change Based on Above Criteria)

1,500-foot Sand	Availability Model complete 2014
2,000-foot Sand	Availability and Saltwater-Vulnerability Models complete 2014
1,200-foot Sand	Availability and Saltwater-Vulnerability Models complete 2015
2,400-foot Sand	2018
2,800-foot Sand	2018
400-foot Sand	2019
600-foot Sand	2019
800-foot Sand	2019
1,000-foot Sand	2019
1,700-foot Sand	2021
2,000-foot Sand	Revised structure 2021

Management Schedule and Actions for Individual Sands

1,500-foot Sand: Modeling results for the 1,500-foot sand were published in December 2013 and updated in 2014. The CAGWCC received updates on the draft results during calendar year 2013, and approved a management plan setting total annual water withdrawal limits from that sand in East Baton Rouge Parish. Modeling results indicate these withdrawal limits will sustain water levels. The CAGWCC reviews quarterly pumping information at each Technical Committee meeting to ensure these annual pumping limits are met. The District Director reviews each permit for new production wells and will not approve new production over the established limit. The Technical Committee will begin the periodic review of water level and trend data presented by the USGS to determine if this data shows water levels expected by the model outcomes for this sand, the 2,000-foot sand, and other sands as they are modeled.

In 2014, the Baton Rouge Water Company (BRWC) installed a scavenger well system south of the Lula Street pumping station to address saltwater encroachment in this sand. This system was performing well through mid 2017. The CAGWCC will continue to review water levels and the results from the scavenger well and will evaluate further management actions if required.

2,000-foot Sand: Modeling results for the 2,000-foot sand were published in December 2013 and updated in 2014. The CAGWCC received updates on the draft results during calendar year 2013, and approved a management plan setting annual water withdrawal limits from that sand in East Baton Rouge Parish and in the industrial area north of Chippewa Street. The CAGWCC reviews quarterly pumping information at each Technical Committee meeting to ensure these annual pumping limits are met. The model shows water levels to be relatively stable. It also shows saltwater moving towards the industrial district pumping center and a public supply well field at Government Street.

A scavenger well combined with fresh water pumping reductions was modeled by the USGS and appears to be the preferable initial approach to manage this saltwater migration. The structure of the 2,000-foot sand in the area where a scavenger well system would be located is poorly documented. The CAGWCC recommends that a test boring (or multiple borings) be completed in that area of Baton Rouge to document the thickness of the sand and confirm the presence of saltwater and at what concentration. Information gained from the test holes will be used to locate a scavenger well(s).

CAGWCC increased pumpage fees to \$10.00 per million gallons in 2016, with \$5.00 per million gallons dedicated to finance geophysical test holes/wells to be used to locate a scavenger well(s) to remove salt water from the “2,000-foot” sand. Upon location of suitable sites, detailed engineering can proceed through preparation of a definitive estimate, followed by securing funds and installation. The CAGWCC will develop a plan to locate specific property for such test holes, secure preliminary access agreements, and determine costs and payment options, in anticipation of work moving forward.

1,200-foot Sand: Preliminary modeling results for the 1,200-foot sand were published in September 2016. This sand has saltwater near the Baton Rouge fault at a public supply well. The CAGWCC moved this modeling work forward to further evaluate pumping scenarios involving an increase in industrial pumping in this sand as a replacement for current and future use in the 2,000-foot sand. The CAGWCC completed its evaluation of this information in 2016, and recommends continued monitoring of the water levels and salinity in this sand.

2,400-foot Sand: Model results should be published in 2018. Saltwater occurs in this sand along the Baton Rouge fault and in southeast Baton Rouge. About 12 percent of the total groundwater use in East Baton Rouge is from the 2,400-foot sand. The CAGWCC will complete its evaluation of the model results and develop a management plan, if required, by the end of 2018.

2,800-foot Sand: Model results should be published in 2018. This sand contains saltwater as far north as the industrial district. This saltwater was present before the development of the resource. Thus, the CAGWCC anticipates that the USGS will need to spend additional time setting the model parameters. This sand has a high degree of use in the industrial district and for public supply areas at Baker and Zachary. The CAGWCC will complete its evaluation of the model results and develop a management plan by the end of 2019.

400-foot Sand: Modeling results should be published in 2019. Water levels are stable and there is no significant saltwater encroachment. CAGWCC will complete its evaluation of the model results by and develop a management plan, if required, by the end of 2020.

600-foot Sand: Model results should be published in 2019. This sand has a large saltwater area in the downtown Baton Rouge area. The 600-foot sand is pumped at about 10 million gallons a day, 70 percent of which is used by industry. The 600-foot and 400-foot sands were modeled in 1989 for flow parameters, with flow direction centered in the industrial district. Future use of this sand is important in the long term management strategy for the overall aquifer system at Baton Rouge as an option to increase industrial pumping in that sand while decreasing industrial pumping in deeper sands. The CAGWCC will complete its evaluation of the model results and develop a management plan by the end of 2020.

800-foot Sand: Modeling results should be published in 2019. Water levels are stable and there is only minor saltwater encroachment. CAGWCC will complete its evaluation of the model results and develop a management plan, if required, by the end of 2020.

1,000-foot Sand: Modeling results should be published in 2019. Saltwater occurs in this sand along the Baton Rouge fault and in southeast Baton Rouge. Pumping is about 10 million gallons a day, almost all from public supply. Water levels are declining in this sand. CAGWCC will complete its evaluation of the model results and develop a management plan, if required, by the end of 2020.

1,700-foot Sand: Modeling results should be published in 2021. This sand does not have a significant saltwater issue, but the water level is declining. It may have some connection with the 1,500-foot sand in East Baton Rouge Parish. As the pumping rates change in other sands, the 1,700-foot sand may contribute more total production if water levels can be sustained. The CAGWCC will complete its evaluation of the model results and develop a management plan, if required, by the end of 2022.

**Summary Plan for the Management of
Salt Water Migration in the
“1,500-Foot” and “2,000-Foot” Sands of the
Baton Rouge Aquifer System
Capital Area Ground Water Conservation Commission
September 19, 2017**

These actions have been or will be implemented by the Capital Area Ground Water Conservation Commission (CAGWCC) and ground water users in East Baton Rouge Parish that are under the jurisdiction of the CAGWCC in order to define and manage salt water migration across the Baton Rouge Fault in the “1,500-foot” and the “2,000-foot” sands of the Baton Rouge Aquifer System.

“1,500-Foot” Sand

1. A CAGWCC resolution on 07/18/1988 affirmed that industry will reserve the “1,500-foot” sand for public supply.
2. CAGWCC, East Baton Rouge Parish (EBR), the Louisiana Department of Transportation and Development (DOTD) and the US Geological Survey (USGS) have partnered to produce a computer model depicting and predicting ground water elevations and flow patterns in the “1,500-foot” sand.
3. Baton Rouge Water Company (BRWC) and CAGWCC contracted Dr. Frank Tsai of LSU to model salt water encroachment and mitigating actions in the “1,500-foot” sand, and that work was completed in 2010. BRWC through its consultant, Lane Hydro, completed a “Remedial Options for Saltwater Encroachment in the 1,500-Foot Sand” study in 2011 that included a ground water flow model. This work is assisting BRWC’s decision making for pumping strategies for this aquifer.
4. BRWC installed a scavenger well in 2014 which is capturing and removing salt water from the base of the aquifer.

5. BRWC will continue to operate wells in the “1,500-foot” sand and blend water to meet drinking water standards, and it will add these wells to the aquifer management strategy if these standards can no longer be met.
6. Users will limit production from the “1,500-foot” sand to 25 million gallons per day (MGD) averaged over each calendar year in East Baton Rouge Parish.
7. Users of the “1,500-foot” sand will install any new well northward away from the Baton Rouge Fault.
8. Additional actions to control saltwater migration, if needed, will be implemented as computer modeling results and monitoring well salinity test results are known.

“2,000-Foot” Sand

1. A CAGWCC Resolution on 10/15/1991 adopted a conservation policy for the “2,000-foot” sand with a limit of 26 MGD average ground water withdrawal and a maximum water level depth of 320 feet below land surface. Users have complied with these limits.
2. For this summary management plan users initially limited pumping from the “2,000-foot” sand to 24.5 MGD averaged over each calendar year in East Baton Rouge Parish. In the Baton Rouge industrial district, bounded by Chippewa St. extended west, the Mississippi River, Irene Road-Heck Young Road extended east and Plank Road, users reduced pumping from the “2,000-foot” sand to 15.25 MGD, a reduction of 2 MGD, by the end of 2014 to further manage salt water migration. From the end of 2014 forward the pumping limit for East Baton Rouge Parish is set at 23.5 MGD and the pumping limit for the Baton Rouge industrial district is set at 15.25 MGD averaged over each calendar year.
3. Users of the “2,000-foot” sand will install any new well northward away from the Baton Rouge Fault.
4. CAGWCC, DOTD, East Baton Rouge Parish (EBR) and the US Geological Survey (USGS) have partnered to produce a computer model depicting and predicting ground water elevations, flow patterns and salt water migration in the “2,000-foot” sand. The model will be maintained and updated as new information becomes available. Additional simulations of salt water movement were conducted in 2013, 2014 and 2015 to simulate ground water withdrawal patterns in East Baton Rouge Parish that mitigate salt water encroachment in the “2,000-foot” sand.
5. CAGWCC increased pumpage fees to \$10.00 per million gallons in 2016, with \$5.00 per million gallons dedicated to finance geophysical test holes/wells to be used to locate a scavenger well(s) to remove salt water from the “2,000-foot” sand. Upon location of suitable sites, detailed engineering can proceed through preparation of a definitive estimate, followed by securing funds and installation.
6. CAGWCC will consider additional management requirements for the “2,000-foot” sand as computer modeling results and monitoring well salinity test results are known.

Wells used in the development of this Management Plan

Well	Aquifer	Class	Well	Aquifer	Class
EB-413	1500-FOOT SAND	PUBLIC	EB-151	2000-2400 FOOT SAND	PUBLIC
EB-491	1500-FOOT SAND	INDUSTRIAL	EB-544	2000-FOOT SAND	INDUSTRIAL
EB-510	1500-FOOT SAND	PUBLIC	EB-587	2000-FOOT SAND	INDUSTRIAL
EB-561	1500-FOOT SAND	INDUSTRIAL	EB-630	2000-FOOT SAND	PUBLIC
EB-655	1500-FOOT SAND	PUBLIC	EB-656	2000-FOOT SAND	INDUSTRIAL
EB-657	1500-FOOT SAND	PUBLIC	EB-722	2000-FOOT SAND	INDUSTRIAL
EB-658	1500-FOOT SAND	PUBLIC	EB-733	2000-2400 FOOT SAND	PUBLIC
EB-726	1500-FOOT SAND	PUBLIC	EB-737	2000-FOOT SAND	INDUSTRIAL
EB-748	1500-FOOT SAND	INDUSTRIAL	EB-774	2000-FOOT SAND	PUBLIC
EB-771	1500-FOOT SAND	PUBLIC	EB-785	2000-FOOT SAND	INDUSTRIAL
EB-773	1500-FOOT SAND	PUBLIC	EB-788	2000-FOOT SAND	POWER GEN
EB-835	1500-1700-FOOT SAND*	INDUSTRIAL	EB-810	2000-FOOT SAND	INDUSTRIAL
EB-837	1500-1700-FOOT SAND*	INDUSTRIAL	EB-814	2000-FOOT SAND	PUBLIC
			EB-851	2000-FOOT SAND	INDUSTRIAL
EB-927	1500-FOOT SAND	PUBLIC	EB-855	2000-FOOT SAND	INDUSTRIAL
EB-938	1500-FOOT SAND	PUBLIC	EB-856	2000-FOOT SAND	INDUSTRIAL
EB-939	1500-FOOT SAND	PUBLIC	EB-874	2000-FOOT SAND	PUBLIC
EB-961	1500-FOOT SAND	PUBLIC	EB-878	2000-FOOT SAND	PUBLIC
EB-963	1500-FOOT SAND	INDUSTRIAL	EB-884	2000-FOOT SAND	INDUSTRIAL
EB-969	1500-FOOT SAND	INDUSTRIAL	EB-954	2000-FOOT SAND	INDUSTRIAL
EB-970	1500-FOOT SAND	INDUSTRIAL	EB-962	2000-FOOT SAND	INDUSTRIAL
EB-977	1500-FOOT SAND	INDUSTRIAL	EB-1030	2000-FOOT SAND	INDUSTRIAL
EB-984	1500-FOOT SAND	INDUSTRIAL	EB-1150	2000-FOOT SAND	PUBLIC
EB-1048	1500-FOOT SAND	INDUSTRIAL	EB-1151	2000-FOOT SAND	POWER GEN
EB-1155	1500-FOOT SAND	INDUSTRIAL	EB-1227	2000-FOOT SAND	POWER GEN
EB-1248	1500-1700-FOOT SAND*	INDUSTRIAL	EB-1253	2000-2400 FOOT SAND	PUBLIC
EB-1260	1500-FOOT SAND	INDUSTRIAL	EB-1280	2000-FOOT SAND	PUBLIC
EB-1277	1500-1700-FOOT SAND*	INDUSTRIAL	EB-1306	2000-FOOT SAND	PUBLIC
EB-1295C	1500-FOOT SAND	PUBLIC	EB-1309	2000-FOOT SAND	POWER GEN
			EB-1313	2000-FOOT SAND	POWER GEN
			EB-1317	2000-FOOT SAND	POWER GEN
			EB-1319	2000-FOOT SAND	PUBLIC
			EB-1323	2000-FOOT SAND	POWER GEN

*Dual screened wells at 1/2 pumpage

√ 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.

CAGWCD Connector Well

Taken from Bulletin 5, a copy of which is attached:

A CONNECTOR WELL TO PROTECT WATER-SUPPLY WELLS IN THE "1,500- FOOT" SAND OF THE BATON ROUGE, LOUISIANA AREA FROM SALTWATER ENCROACHMENT

INTRODUCTION

The Capital Area Ground Water Conservation District was established by Act No. 678 of the 1974 Legislature in response to area concerns relating to severe ground-water problems that had developed in the Capital area by the early 1970s. These problems included water-level declines resulting in saltwater encroachment in several major aquifers supplying the area. Included in authority granted to the Board of Commissioners, which governs the District, was the mandate "...to take all necessary steps to prevent intrusion of saltwater or any other form of pollutant into any aquifer or aquifers". This was the basis for the Commission's application for federal funds under the nonpoint source program of the Clean Water Act. It was the Commission's view that a new concept for ground-water remediation would use a connector well to counter the effect of saltwater migration in one of the major aquifers in Baton Rouge. The project focused on the "1,500-foot" sand, a major public-supply aquifer, in which saltwater has been moving toward pumping wells.

Baton Rouge Water Company Scavenger Well

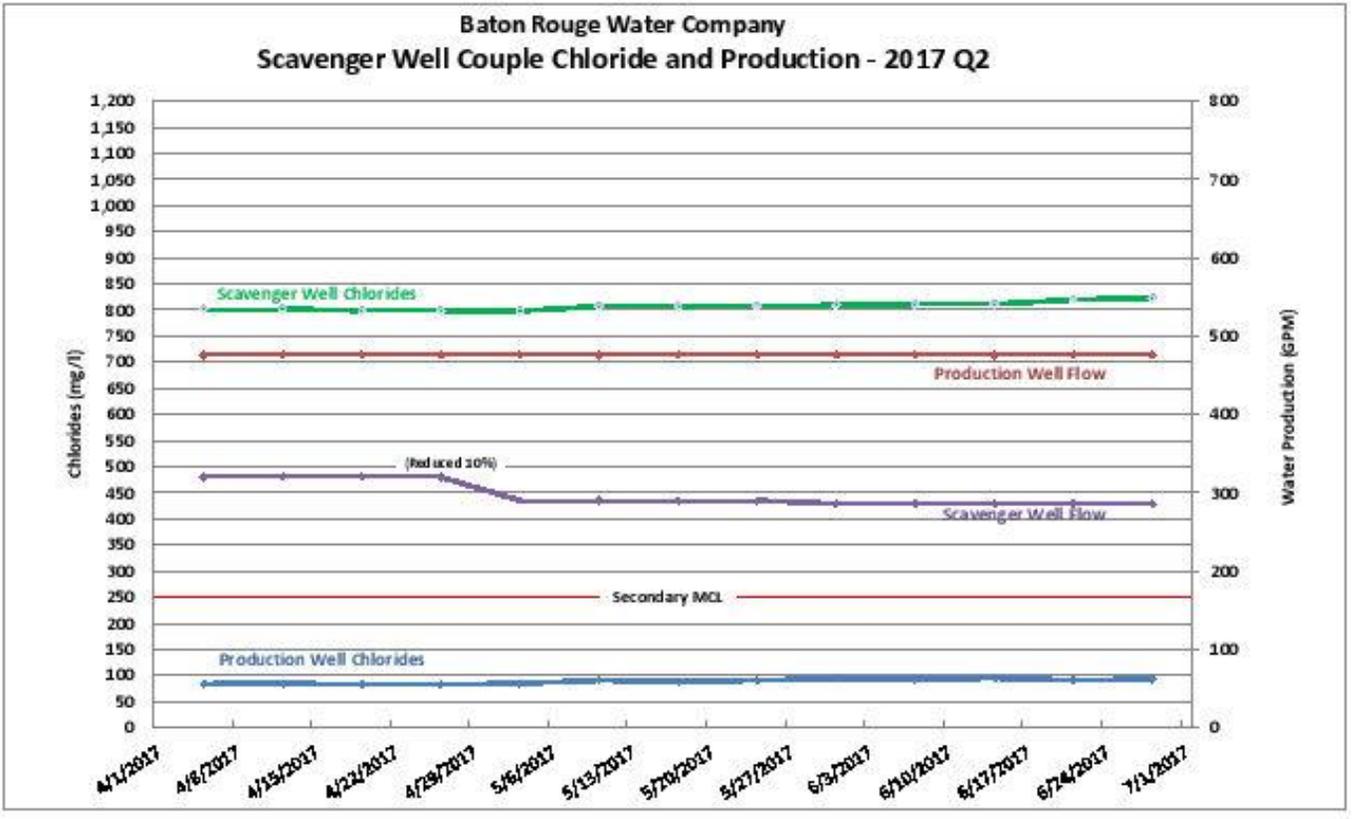
In addition, Baton Rouge Water Company installed a saltwater scavenger well couplet in 2014. For about 50 years, brackish water has been identified in the "1500-foot sand" aquifer in Baton Rouge, LA, moving northward from the Baton Rouge Fault. The intrusion of the brackish water has occurred as a result of long-term pumping of wells in the aquifer within and north of the City. In 2012-2013, Layne Christensen, Owen and White, and Baton Rouge Water Company collaborated on the design and construction of a "scavenger well couple", a pair of wells that achieve *in-situ* separation of the brackish fraction of water at the bottom of the aquifer from the overlying fresh water. The scavenger well couple is not intended to remedy the brackish intrusion. It has been constructed as a means for protecting the viability of the Lula groundwater pumping station, which lies north of the scavenger.

2014 BATON ROUGE WATER COMPANY				
1500 FOOT SAND SCAVENGER WELL PRODUCTION IN GALLONS				
NORTH ST WELL # 2 (EB-1424)				
1st QUARTER	JANUARY	FEBRUARY	MARCH	TOTAL
	n/a	n/a	11,564,976	11,564,976
2nd QUARTER	APRIL	MAY	JUNE	
	14,108,785	14,538,115	14,002,582	42,649,482
3rd QUARTER	JULY	AUGUST	SEPTEMBER	
	14,415,660	14,449,173	13,945,756	42,810,589
4th QUARTER	OCTOBER	NOVEMBER	DECEMBER	
	14,434,341	14,938,579	14,968,665	44,341,585
			2014 summary	141,366,632
			2014 9 month summary	129,801,656
			2014 GPY averaged	173,068,875
			2014 GPD average	474,161
			2014 GPM average	329

2015 BATON ROUGE WATER COMPANY				
1500 FOOT SAND SCAVENGER WELL PRODUCTION IN GALLONS				
NORTH ST WELL # 2 (EB-1424)				
1st QUARTER	JANUARY	FEBRUARY	MARCH	TOTAL
	15,024,663	13,585,663	15,021,662	43,631,988
2nd QUARTER	APRIL	MAY	JUNE	
	14,589,662	15,056,663	14,569,662	44,215,987
3rd QUARTER	JULY	AUGUST	SEPTEMBER	
	14,913,664	14,662,670	14,305,669	43,882,003
4th QUARTER	OCTOBER	NOVEMBER	DECEMBER	
	14,824,667	14,448,667	15,264,658	44,537,992
			2015 summary	176,267,970
			2015 GPD average	482,926
			2015 GPM average	335

2016 BATON ROUGE WATER COMPANY				
1500 FOOT SAND SCAVENGER WELL PRODUCTION IN GALLONS				
NORTH ST WELL # 2 (EB-1424)				
1st QUARTER	JANUARY	FEBRUARY	MARCH	TOTAL
	10,746,864	0	0	10,746,864
2nd QUARTER	APRIL	MAY	JUNE	
	7,602,395	14,287,693	13,797,676	35,687,764
3rd QUARTER	JULY	AUGUST	SEPTEMBER	
	14,226,666	14,226,782	13,738,672	42,192,120
4th QUARTER	OCTOBER	NOVEMBER	DECEMBER	
	14,222,754	13,659,941	14,184,724	42,067,419
			2016 summary	130,694,167
			2016 GPD average	358,066
			2016 GPM average	

2017 BATON ROUGE WATER COMPANY				
1500 FOOT SAND SCAVENGER WELL PRODUCTION IN GALLONS				
NORTH ST WELL # 2 (EB-1424)				
1st QUARTER	JANUARY	FEBRUARY	MARCH	TOTAL
	14113344	12877810	14275911	41267065
2nd QUARTER	APRIL	MAY	JUNE	
	13617491	12869342	12332557	38819390
3rd QUARTER	JULY	AUGUST	SEPTEMBER	
	0	0	0	0
4th QUARTER	OCTOBER	NOVEMBER	DECEMBER	
	0	0	0	0
			2017 summary	80,086,455
			2017 GPD average	219,415
			2017 GPM average	152



√ 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.*

No scientific investigations that have been funded in whole or in part by the Board relative to the study and/or survey of groundwater resources and land subsidence in the CAGWCD have been released over the preceding six (6) months

√ 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.*

**Salt Water Migration in the
 "1,500-Foot" and "2,000-Foot" Sands of the
 Baton Rouge Aquifer System
 Capital Area Ground Water Conservation Commission
 September 19, 2017**

These actions have been or will be implemented by the Capital Area Ground Water Conservation Commission (CAGWCC) and ground water users in East Baton Rouge Parish that are under the jurisdiction of the CAGWCC in order to define and manage salt water migration across the Baton Rouge Fault in the “1,500-foot” and the “2,000-foot” sands of the Baton Rouge Aquifer System.

1,500-ft sand

Users will limit production from the “1,500-foot” sand to 25 million gallons per day (MGD) averaged over each calendar year in East Baton Rouge Parish.

2,000-ft sand

Users initially limited pumping from the “2,000-foot” sand to 24.5 MGD averaged over each calendar year in East Baton Rouge Parish. In the Baton Rouge industrial district, bounded by Chippewa St. extended west, the Mississippi River, Irene Road-Heck Young Road extended east and Plank Road, users reduced pumping from the “2,000-foot” sand to 15.25 MGD, a reduction of 2 MGD, by the end of 2014 to further manage salt water migration. From the end of 2014 forward the pumping limit for East Baton Rouge Parish is set at 23.5 MGD and the pumping limit for the Baton Rouge industrial district is set at 15.25 MGD averaged over each calendar year.

√ 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
Audobon 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 Company	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	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.*

The District collects pumpage information on a quarterly basis, January - March, April - June, July - September and October - December. Six-month pumpage reports shall be given by first-second and third-fourth quarters.

East Baton Rouge Parish First Quarter, 2017

XR01-11

PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY OWNER BY AQUIFER
01/17 THRU 03/17

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Page 1 of 12

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
1369	AIR PRODUCTS	1000-1200 FOOT SAND OF BATON ROUGE AREA	46.178	0.507
	FOR AQUIFER -	1000-1200 FOOT SAND OF BATON ROUGE AREA	46.178	0.507
1368	AIR PRODUCTS	1200-FOOT SAND OF BATON ROUGE AREA	40.256	0.442
	FOR AQUIFER -	1200-FOOT SAND OF BATON ROUGE AREA	40.256	0.442
	FOR OWNER -	AIR PRODUCTS	86.434	0.950
1038	ALBEMARLE CORP	400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
	FOR AQUIFER -	400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1269	ALBEMARLE CORP	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
	FOR AQUIFER -	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
	FOR OWNER -	ALBEMARLE CORP	0.000	0.000
1426	AUDUBON HOMES	1700-FOOT SAND OF BATON ROUGE AREA	0.457	0.005
1427	AUDUBON HOMES	1700-FOOT SAND OF BATON ROUGE AREA	0.471	0.005
	FOR AQUIFER -	1700-FOOT SAND OF BATON ROUGE AREA	0.928	0.010
	FOR OWNER -	AUDUBON HOMES	0.928	0.010
698	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
754	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	87.854	0.965
892 A	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	22.594	0.248
1419	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	20.473	0.225
	FOR AQUIFER -	2800-FOOT SAND OF BATON ROUGE AREA	130.921	1.439
	FOR OWNER -	BAKER	130.921	1.439
969	BASF	1500-FOOT SAND OF BATON ROUGE AREA	4.103	0.045
	FOR AQUIFER -	1500-FOOT SAND OF BATON ROUGE AREA	4.103	0.045
	FOR OWNER -	BASF	4.103	0.045
991 B	BATON ROUGE WW	400-FOOT SAND OF BATON ROUGE AREA	3.164	0.035
1017 C	BATON ROUGE WW	400-FOOT SAND OF BATON ROUGE AREA	86.603	0.952

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA	89.767	0.986
1279	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	8.260	0.091
1352	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	30.840	0.339
1354	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	187.261	2.058
		FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA	226.361	2.487
1135	BATON ROUGE WW	800 AND 1000-FOOT SANDS OF BATON ROUGE	5.999	0.066
		FOR AQUIFER - 800 AND 1000-FOOT SANDS OF BATON ROUGE AREA	5.999	0.066
632	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	163.995	1.802
926	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	106.082	1.166
1035	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	115.648	1.271
1123	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	6.095	0.067
1220 B	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	1.370	0.015
1276	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	138.937	1.527
1308	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	6.908	0.076
		FOR AQUIFER - 1000-FOOT SAND OF BATON ROUGE AREA	539.035	5.923
772	BATON ROUGE WW	1000-1200 FOOT SAND OF BATON ROUGE AREA	121.878	1.339
		FOR AQUIFER - 1000-1200 FOOT SAND OF BATON ROUGE AREA	121.878	1.339
523	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	145.266	1.596
584	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	1.450	0.016
621	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	14.761	0.162
653	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	33.060	0.363
752	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	6.025	0.066
756	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	83.828	0.921
925	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	3.186	0.035
990	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	116.062	1.275
1003	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	94.300	1.036
1016 B	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	127.427	1.400
1287	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	8.022	0.088
1297	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	239.043	2.627
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	872.430	9.587
413	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	5.725	0.063
510	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	1.562	0.017
657	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	1.928	0.021
658	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	132.993	1.461
726	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	164.691	1.810
771	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	121.218	1.332
773	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	39.813	0.438
927	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	161.443	1.774
938	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	139.372	1.532

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
939	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	1.375	0.015
961	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	3.575	0.039
1295 C	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	3.546	0.039
1423	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	61.461	0.675
1424	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	41.267	0.453
FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA			879.969	9.670
828	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	87.357	0.960
873	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	5.484	0.060
1303	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	2.664	0.029
1356	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	68.921	0.757
1375	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	189.072	2.078
FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA			353.498	3.885
630	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	5.857	0.064
774	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	87.669	0.963
814	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	34.692	0.381
874	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	13.920	0.153
878	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	121.280	1.333
1150	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	44.496	0.489
FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA			307.914	3.384
151	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	140.346	1.542
733	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	9.985	0.110
1253	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	15.525	0.171
FOR AQUIFER - 2000-2400 FOOT SAND OF BATON ROUGE AREA			165.856	1.823
654	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	4.687	0.052
751	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	10.152	0.112
769	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	145.283	1.597
813	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	123.968	1.362
928	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	144.906	1.592
1004	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	2.827	0.031
1025	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	2.202	0.024
1039	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	48.771	0.536
1149	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	220.798	2.426
1252	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	141.648	1.557
1262	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	114.987	1.264
1353	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	10.026	0.110
1367	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	143.296	1.575
1420	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA			1113.551	12.237
750	BATON ROUGE WW	2800-FOOT SAND OF BATON ROUGE AREA	5.701	0.063
798	BATON ROUGE WW	2800-FOOT SAND OF BATON ROUGE AREA	1.707	0.019

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	7.408	0.081
		FOR OWNER - BATON ROUGE WW	4683.666	51.469
622	BONNE ESPERANCE	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR OWNER - BONNE ESPERANCE	0.000	0.000
1259	BR COUNTRY CLUB	400-FOOT SAND OF BATON ROUGE AREA	3.783	0.042
1282	BR COUNTRY CLUB	400-FOOT SAND OF BATON ROUGE AREA	1.605	0.018
		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA	5.388	0.059
1136	BR COUNTRY CLUB	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR OWNER - BR COUNTRY CLUB	5.388	0.059
886	CLEAN HARBORS	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1153	CLEAN HARBORS	1200-FOOT SAND OF BATON ROUGE AREA	1.025	0.011
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	1.025	0.011
		FOR OWNER - CLEAN HARBORS	1.025	0.011
1373	COCA-COLA BTLNG	600-FOOT SAND OF BATON ROUGE AREA	12.450	0.137
		FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA	12.450	0.137
1374	COCA-COLA BTLNG	800-FOOT SAND OF BATON ROUGE AREA	12.450	0.137
		FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA	12.450	0.137
		FOR OWNER - COCA-COLA BTLNG	24.900	0.274
1223	COUN CLUB OF LA	GONZALES-NEW ORLEANS AQUIFER	0.000	0.000
1249	COUN CLUB OF LA	GONZALES-NEW ORLEANS AQUIFER	19.440	0.214

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - GONZALES-NEW ORLEANS AQUIFER	19.440	0.214
1195	COUN CLUB OF LA	SHALLOW SANDS OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - SHALLOW SANDS OF BATON ROUGE AREA	0.000	0.000
		FOR OWNER - COUN CLUB OF LA	19.440	0.214
561	DELTECH CORP	1500-FOOT SAND OF BATON ROUGE AREA	13.860	0.152
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	13.860	0.152
572	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
723	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	27.180	0.299
966	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	44.190	0.486
1002	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	71.370	0.784
		FOR OWNER - DELTECH CORP	85.230	0.937
546	ECO SERVICES	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
294	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	20.880	0.229
454	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	38.520	0.423
872	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	82.080	0.902
1421	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	292.781	3.217
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	434.261	4.772
		FOR OWNER - ECO SERVICES	434.261	4.772
522	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1304	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
788	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	125.807	1.382
1151	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	118.320	1.300
1227	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	130.150	1.430
1309	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	6.793	0.075
1313	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	134.452	1.477
1317	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	139.713	1.535
1323	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	31.491	0.346

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	686.726	7.546
		FOR OWNER - ENTERGY	686.726	7.546
748	EXIDE CORP	1500-FOOT SAND OF BATON ROUGE AREA	7.294	0.080
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	7.294	0.080
		FOR OWNER - EXIDE CORP	7.294	0.080
629	EXXON CHEM/BRPO	1200-FOOT SAND OF BATON ROUGE AREA	20.245	0.222
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	20.245	0.222
977	EXXON CHEM/BRPO	1500-FOOT SAND OF BATON ROUGE AREA	116.367	1.279
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	116.367	1.279
978	EXXON CHEM/BRPO	2800-FOOT SAND OF BATON ROUGE AREA	110.451	1.214
1268	EXXON CHEM/BRPO	2800-FOOT SAND OF BATON ROUGE AREA	106.531	1.171
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	216.982	2.384
		FOR OWNER - EXXON CHEM/BRPO	353.594	3.886
403	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	106.570	1.171
557	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	141.149	1.551
567	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	68.885	0.757
649	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	135.746	1.492
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	452.350	4.971
722	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	7.436	0.082
856	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	0.004	0.000
962	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	167.414	1.840
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	174.854	1.921
351	EXXON CHEMICAL	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
353	EXXON CHEMICAL	2400-FOOT SAND OF BATON ROUGE AREA	41.914	0.461
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	41.914	0.461
		FOR OWNER - EXXON CHEMICAL	669.118	7.353
1230	EXXON CHM NORTH	1200-FOOT SAND OF BATON ROUGE AREA	29.932	0.329

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)(MGD)	Daily
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	29.932	0.329
656	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
737	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	30.613	0.336
1030	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	136.819	1.504
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	167.432	1.840
		FOR OWNER - EXXON CHM NORTH	197.364	2.169
1171	EXXON CHM RESIN	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1435	EXXON CHM RESIN	1500-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1292	EXXON CHM RESIN	2800-FOOT SAND OF BATON ROUGE AREA	37.800	0.415
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	37.800	0.415
		FOR OWNER - EXXON CHM RESIN	37.800	0.415
859	EXXON PLASTICS	2800-FOOT SAND OF BATON ROUGE AREA	108.900	1.197
860	EXXON PLASTICS	2800-FOOT SAND OF BATON ROUGE AREA	108.900	1.197
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	217.800	2.393
		FOR OWNER - EXXON PLASTICS	217.800	2.393
34	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
356	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	15.079	0.166
499	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA	15.079	0.166
473	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	69.470	0.763
490	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	55.428	0.609
1318	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	94.187	1.035
		FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA	219.085	2.408
1372	EXXON U.S.A.	800-FOOT SAND OF BATON ROUGE AREA	160.086	1.759
		FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA	160.086	1.759

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
398	EXXON U.S.A.	1000-1200 FOOT SAND OF BATON ROUGE AREA	74.562	0.819
		FOR AQUIFER - 1000-1200 FOOT SAND OF BATON ROUGE AREA	74.562	0.819
576	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	101.445	1.115
580	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	91.957	1.011
1377	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	93.820	1.031
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	287.222	3.156
491	EXXON U.S.A.	1500-FOOT SAND OF BATON ROUGE AREA	0.120	0.001
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	0.120	0.001
587	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	1.777	0.020
810	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	0.070	0.001
851	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	98.327	1.081
855	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	6.245	0.069
884	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	0.024	0.000
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	106.443	1.170
		FOR OWNER - EXXON U.S.A.	862.597	9.479
958	FORMOSA PLASTIC	400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1095	FORMOSA PLASTIC	400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1273	FORMOSA PLASTIC	1200-FOOT SAND OF BATON ROUGE AREA	15.725	0.173
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	15.725	0.173
		FOR OWNER - FORMOSA PLASTIC	15.725	0.173
947	GEORGIA PACIFIC	400-FOOT SAND OF BATON ROUGE AREA	88.324	0.971
		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA	88.324	0.971
1436	GEORGIA PACIFIC	400-FOOT SAND OF NEW ORLEANS AREA	129.600	1.424
		FOR AQUIFER - 400-FOOT SAND OF NEW ORLEANS AREA	129.600	1.424
973	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	33.120	0.364
1231	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	113.024	1.242
1243	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	114.614	1.259
1256	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	198.144	2.177
1257	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1425	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	89.280	0.981

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
1432	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	129.537	1.423
	FOR AQUIFER -	400-600 FOOT SAND OF BATON ROUGE AREA	677.719	7.447
1294	GEORGIA PACIFIC	1200-FOOT SAND OF BATON ROUGE AREA	20.876	0.229
	FOR AQUIFER -	1200-FOOT SAND OF BATON ROUGE AREA	20.876	0.229
835	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	101.724	1.118
837	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	240.061	2.638
1248	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	281.420	3.093
1277	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	97.055	1.067
	FOR AQUIFER -	1500-1700-FOOT SAND OF THE BATON ROUGE AREA	720.260	7.915
838	GEORGIA PACIFIC	1700-FOOT SAND OF BATON ROUGE AREA	100.790	1.108
	FOR AQUIFER -	1700-FOOT SAND OF BATON ROUGE AREA	100.790	1.108
844 B	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	116.629	1.282
845	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	127.152	1.397
846	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	230.983	2.538
1173	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	291.875	3.207
1174	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	118.274	1.300
1241	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	179.122	1.968
1247	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	263.398	2.894
	FOR AQUIFER -	2800-FOOT SAND OF BATON ROUGE AREA	1327.433	14.587
	FOR OWNER -	GEORGIA PACIFIC	3065.002	33.681
395	HONEYWELL	1000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
467	HONEYWELL	1000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
	FOR AQUIFER -	1000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
562	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
784	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	58.846	0.647
1301	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	41.416	0.455
	FOR AQUIFER -	1200-FOOT SAND OF BATON ROUGE AREA	100.262	1.102
	FOR OWNER -	HONEYWELL	100.262	1.102
1260	NPC SERVICES	1500-FOOT SAND OF BATON ROUGE AREA	0.030	0.000
	FOR AQUIFER -	1500-FOOT SAND OF BATON ROUGE AREA	0.030	0.000

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR OWNER - NPC SERVICES	0.030	0.000
1048	OXBOW CALCINING	1500-FOOT SAND OF BATON ROUGE AREA	33.480	0.368
1155	OXBOW CALCINING	1500-FOOT SAND OF BATON ROUGE AREA	33.480	0.368
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	66.960	0.736
		FOR OWNER - OXBOW CALCINING	66.960	0.736
1132	PARISH WATER CO	400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1298	PARISH WATER CO	400-FOOT SAND OF BATON ROUGE AREA	95.232	1.047
		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA	95.232	1.047
879	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	73.777	0.811
1018	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	9.949	0.109
1228	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	87.353	0.960
1261	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	8.793	0.097
		FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA	179.872	1.977
1288	PARISH WATER CO	800-FOOT SAND OF BATON ROUGE AREA	42.199	0.464
		FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA	42.199	0.464
1328	PARISH WATER CO	1000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 1000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1312	PARISH WATER CO	1200-FOOT SAND OF BATON ROUGE AREA	85.943	0.944
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	85.943	0.944
614	PARISH WATER CO	1700-FOOT SAND OF BATON ROUGE AREA	16.794	0.185
994	PARISH WATER CO	1700-FOOT SAND OF BATON ROUGE AREA	6.673	0.073
		FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA	23.467	0.258
1280	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	37.147	0.408
1306	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	28.457	0.313
1319	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	1.584	0.017
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	67.188	0.738
1001	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	10.662	0.117
1027	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	14.909	0.164
1031	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	6.347	0.070
1032	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1258	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	100.696	1.107

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	132.614	1.457
568	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	35.520	0.390
623	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
700	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	2.271	0.025
730	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	1.533	0.017
829	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	32.989	0.363
830	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	29.794	0.327
831	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
832	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	15.202	0.167
922	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	54.862	0.603
995	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1187	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	63.834	0.701
1311	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	28.396	0.312
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	264.401	2.906
		FOR OWNER - PARISH WATER CO	890.916	9.790
1246	PENNINGTON MED	400-FOOT SAND OF BATON ROUGE AREA	2.768	0.030
		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA	2.768	0.030
		FOR OWNER - PENNINGTON MED	2.768	0.030
588	SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR OWNER - SLAUGHTER	0.000	0.000
544	SOUTHERN IONICS	2000-FOOT SAND OF BATON ROUGE AREA	3.185	0.035
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	3.185	0.035
		FOR OWNER - SOUTHERN IONICS	3.185	0.035
785	UOP LLC	2000-FOOT SAND OF BATON ROUGE AREA	87.026	0.956
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	87.026	0.956
786	UOP LLC	2400-FOOT SAND OF BATON ROUGE AREA	43.704	0.480
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	43.704	0.480

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
	FOR OWNER - UOP LLC		130.730	1.437
655	WATCO COMPANIES	1500-FOOT SAND OF BATON ROUGE AREA	1.500	0.016
	FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA		1.500	0.016
	FOR OWNER - WATCO COMPANIES		1.500	0.016
770	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	40.754	0.448
854	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	40.755	0.448
1186	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	40.756	0.448
1302	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	40.756	0.448
1365	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	40.756	0.448
	FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA		203.777	2.239
	FOR OWNER - ZACHARY		203.777	2.239
REPORT TOTAL			12989.444	142.741

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
34	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
356	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	15.079	0.166
499	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
947	GEORGIA PACIFIC	400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	88.324	0.971
FOR USE - INDUSTRIAL				103.403	1.136
1246	PENNINGTON MED	400-FOOT SAND OF BATON ROUGE AREA	IRRIGATION	2.768	0.030
1259	BR COUNTRY CLUB	400-FOOT SAND OF BATON ROUGE AREA	IRRIGATION	3.783	0.042
1282	BR COUNTRY CLUB	400-FOOT SAND OF BATON ROUGE AREA	IRRIGATION	1.605	0.018
FOR USE - IRRIGATION				8.156	0.090
991 B	BATON ROUGE WW	400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	3.164	0.035
1017 C	BATON ROUGE WW	400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	86.603	0.952
1132	PARISH WATER CO	400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
1298	PARISH WATER CO	400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	95.232	1.047
FOR USE - PUBLIC				184.999	2.033
FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA				296.558	3.259
1436	GEORGIA PACIFIC	400-FOOT SAND OF NEW ORLEANS AREA	INDUSTRIAL	129.600	1.424
FOR USE - INDUSTRIAL				129.600	1.424
FOR AQUIFER - 400-FOOT SAND OF NEW ORLEANS AREA				129.600	1.424
958	FORMOSA PLASTIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
973	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	33.120	0.364
1038	ALBEMARLE CORP	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1095	FORMOSA PLASTIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1231	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	113.024	1.242
1243	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	114.614	1.259
1256	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	198.144	2.177
1257	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1425	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	89.280	0.981
1432	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	129.537	1.423
FOR USE - INDUSTRIAL				677.719	7.447
FOR AQUIFER - 400-600 FOOT SAND OF BATON ROUGE AREA				677.719	7.447
473	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	69.470	0.763
490	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	55.428	0.609
546	ECO SERVICES	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
886	CLEAN HARBORS	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1171	EXXON CHM RESIN	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
1269	ALBEMARLE CORP	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1318	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	94.187	1.035
1373	COCA-COLA BTLNG	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	12.450	0.137
FOR USE - INDUSTRIAL				231.535	2.544
879	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	PUBLIC	73.777	0.811
1018	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	PUBLIC	9.949	0.109
1228	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	PUBLIC	87.353	0.960
1261	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	PUBLIC	8.793	0.097
FOR USE - PUBLIC				179.872	1.977
FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA				411.407	4.521
1223	COUN CLUB OF LA	GONZALES-NEW ORLEANS AQUIFER	IRRIGATION	0.000	0.000
1249	COUN CLUB OF LA	GONZALES-NEW ORLEANS AQUIFER	IRRIGATION	19.440	0.214
FOR USE - IRRIGATION				19.440	0.214
FOR AQUIFER - GONZALES-NEW ORLEANS AQUIFER				19.440	0.214
1195	COUN CLUB OF LA	SHALLOW SANDS OF BATON ROUGE AREA	IRRIGATION	0.000	0.000
FOR USE - IRRIGATION				0.000	0.000
FOR AQUIFER - SHALLOW SANDS OF BATON ROUGE AREA				0.000	0.000
1372	EXXON U.S.A.	800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	160.086	1.759
1374	COCA-COLA BTLNG	800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	12.450	0.137
FOR USE - INDUSTRIAL				172.536	1.896
1279	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	8.260	0.091
1288	PARISH WATER CO	800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	42.199	0.464
1352	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	30.840	0.339
1354	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	187.261	2.058
FOR USE - PUBLIC				268.560	2.951
FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA				441.096	4.847
1135	BATON ROUGE WW	800 AND 1000-FOOT SANDS OF BATON ROUGE	PUBLIC	5.999	0.066
FOR USE - PUBLIC				5.999	0.066

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
FOR AQUIFER - 800 AND 1000-FOOT SANDS OF BATON ROUGE AREA				5.999	0.066
395	HONEYWELL	1000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
467	HONEYWELL	1000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
FOR USE - INDUSTRIAL				0.000	0.000
632	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	163.995	1.802
926	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	106.082	1.166
1035	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	115.648	1.271
1123	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.095	0.067
1220 B	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.370	0.015
1276	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	138.937	1.527
1308	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.908	0.076
1328	PARISH WATER CO	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
FOR USE - PUBLIC				539.035	5.923
FOR AQUIFER - 1000-FOOT SAND OF BATON ROUGE AREA				539.035	5.923
398	EXXON U.S.A.	1000-1200 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	74.562	0.819
1369	AIR PRODUCTS	1000-1200 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	46.178	0.507
FOR USE - INDUSTRIAL				120.740	1.327
772	BATON ROUGE WW	1000-1200 FOOT SAND OF BATON ROUGE AREA	PUBLIC	121.878	1.339
FOR USE - PUBLIC				121.878	1.339
FOR AQUIFER - 1000-1200 FOOT SAND OF BATON ROUGE AREA				242.618	2.666
403	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	106.570	1.171
557	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	141.149	1.551
562	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
567	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	68.885	0.757
576	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	101.445	1.115
580	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	91.957	1.011
629	EXXON CHEM/BRPO	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	20.245	0.222
649	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	135.746	1.492
784	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	58.846	0.647
1153	CLEAN HARBORS	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	1.025	0.011
1230	EXXON CHM NORTH	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	29.932	0.329
1273	FORMOSA PLASTIC	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	15.725	0.173
1294	GEORGIA PACIFIC	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	20.876	0.229
1301	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	41.416	0.455
1368	AIR PRODUCTS	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	40.256	0.442
1377	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	93.820	1.031

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
	FOR USE - INDUSTRIAL			967.893	10.636
1136	BR COUNTRY CLUB	1200-FOOT SAND OF BATON ROUGE AREA	IRRIGATION	0.000	0.000
	FOR USE - IRRIGATION			0.000	0.000
522	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.000	0.000
1304	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.000	0.000
	FOR USE - POWER GEN			0.000	0.000
523	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	145.266	1.596
584	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.450	0.016
621	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	14.761	0.162
622	BONNE ESPERANCE	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
653	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	33.060	0.363
752	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.025	0.066
756	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	83.828	0.921
925	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	3.186	0.035
990	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	116.062	1.275
1003	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	94.300	1.036
1016 B	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	127.427	1.400
1287	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	8.022	0.088
1297	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	239.043	2.627
1312	PARISH WATER CO	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	85.943	0.944
	FOR USE - PUBLIC			958.373	10.532
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA			1,926.266	21.168
1424	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	DEWATERING	41.267	0.453
	FOR USE - DEWATERING			41.267	0.453
491	EXXON U.S.A.	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.120	0.001
561	DELTECH CORP	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	13.860	0.152
748	EXIDE CORP	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	7.294	0.080
969	BASF	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	4.103	0.045
977	EXXON CHEM/BRPO	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	116.367	1.279
1048	OXBOW CALCINING	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	33.480	0.368
1155	OXBOW CALCINING	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	33.480	0.368
1260	NPC SERVICES	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.030	0.000
1435	EXXON CHM RESIN	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
	FOR USE - INDUSTRIAL			208.734	2.294
413	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.725	0.063
510	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.562	0.017
655	WATCO COMPANIES	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.500	0.016

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
657	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.928	0.021
658	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	132.993	1.461
726	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	164.691	1.810
771	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	121.218	1.332
773	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	39.813	0.438
927	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	161.443	1.774
938	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	139.372	1.532
939	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.375	0.015
961	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	3.575	0.039
1295 C	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	3.546	0.039
1423	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	61.461	0.675
FOR USE - PUBLIC				840.202	9.233
FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA				1,090.203	11.980
835	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	INDUSTRIAL	101.724	1.118
837	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	INDUSTRIAL	240.061	2.638
1248	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	INDUSTRIAL	281.420	3.093
1277	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	INDUSTRIAL	97.055	1.067
FOR USE - INDUSTRIAL				720.260	7.915
FOR AQUIFER - 1500-1700-FOOT SAND OF THE BATON ROUGE AREA				720.260	7.915
838	GEORGIA PACIFIC	1700-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	100.790	1.108
FOR USE - INDUSTRIAL				100.790	1.108
614	PARISH WATER CO	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	16.794	0.185
828	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	87.357	0.960
873	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.484	0.060
994	PARISH WATER CO	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.673	0.073
1303	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.664	0.029
1356	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	68.921	0.757
1375	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	189.072	2.078
1426	AUDUBON HOMES	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.457	0.005
1427	AUDUBON HOMES	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.471	0.005
FOR USE - PUBLIC				377.893	4.153
FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA				478.683	5.260
544	SOUTHERN IONICS	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	3.185	0.035
587	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	1.777	0.020
656	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
722	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	7.436	0.082
737	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	30.613	0.336

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
785	UOP LLC	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	87.026	0.956
810	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.070	0.001
851	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	98.327	1.081
855	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	6.245	0.069
856	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.004	0.000
884	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.024	0.000
962	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	167.414	1.840
1030	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	136.819	1.504
FOR USE - INDUSTRIAL				538.940	5.922
788	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	125.807	1.382
1151	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	118.320	1.300
1227	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	130.150	1.430
1309	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	6.793	0.075
1313	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	134.452	1.477
1317	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	139.713	1.535
1323	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	31.491	0.346
FOR USE - POWER GEN				686.726	7.546
630	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.857	0.064
774	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	87.669	0.963
814	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	34.692	0.381
874	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	13.920	0.153
878	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	121.280	1.333
1150	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	44.496	0.489
1280	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	37.147	0.408
1306	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	28.457	0.313
1319	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.584	0.017
FOR USE - PUBLIC				375.102	4.122
FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA				1,600.768	17.591
151	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	PUBLIC	140.346	1.542
733	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	PUBLIC	9.985	0.110
1253	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	PUBLIC	15.525	0.171
FOR USE - PUBLIC				165.856	1.823
FOR AQUIFER - 2000-2400 FOOT SAND OF BATON ROUGE AREA				165.856	1.823
294	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	20.880	0.229
351	EXXON CHEMICAL	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
353	EXXON CHEMICAL	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	41.914	0.461
454	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	38.520	0.423
786	UOP LLC	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	43.704	0.480
872	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	82.080	0.902

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
FOR USE - INDUSTRIAL				227.098	2.496
654	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.687	0.052
751	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	10.152	0.112
769	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	145.283	1.597
813	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	123.968	1.362
928	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	144.906	1.592
1001	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	10.662	0.117
1004	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.827	0.031
1025	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.202	0.024
1027	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	14.909	0.164
1031	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.347	0.070
1032	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
1039	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	48.771	0.536
1149	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	220.798	2.426
1252	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	141.648	1.557
1258	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	100.696	1.107
1262	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	114.987	1.264
1353	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	10.026	0.110
1367	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	143.296	1.575
1420	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
1421	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	292.781	3.217
FOR USE - PUBLIC				1,538.946	16.911
FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA				1,766.044	19.407
572	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
723	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	27.180	0.299
844 B	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	116.629	1.282
845	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	127.152	1.397
846	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	230.983	2.538
859	EXXON PLASTICS	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	108.900	1.197
860	EXXON PLASTICS	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	108.900	1.197
966	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	44.190	0.486
978	EXXON CHEM/BRPO	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	110.451	1.214
1002	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1173	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	291.875	3.207
1174	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	118.274	1.300
1241	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	179.122	1.968
1247	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	263.398	2.894
1268	EXXON CHEM/BRPO	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	106.531	1.171
1292	EXXON CHM RESIN	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	37.800	0.415
FOR USE - INDUSTRIAL				1,871.385	20.565
568	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	35.520	0.390
588	SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
623	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
698	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
700	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.271	0.025
730	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.533	0.017
750	BATON ROUGE WW	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.701	0.063
754	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	87.854	0.965
770	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	40.754	0.448
798	BATON ROUGE WW	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.707	0.019
829	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	32.989	0.363
830	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	29.794	0.327
831	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
832	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	15.202	0.167
854	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	40.755	0.448
892 A	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	22.594	0.248
922	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	54.862	0.603
995	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
1186	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	40.756	0.448
1187	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	63.834	0.701
1302	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	40.756	0.448
1311	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	28.396	0.312
1365	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	40.756	0.448
1419	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	20.473	0.225
FOR USE - PUBLIC				606.507	6.665
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA				2,477.892	27.230
REPORT TOTAL				12,989.444	
142.741					

East Baton Rouge Parish Second Quarter, 2017

Well Number	Owner's Name	Aquifer	Pumpage		
			Total (Mill. Gal.)	Daily (MGD)	
1369	AIR PRODUCTS	1000-1200 FOOT SAND OF BATON ROUGE AREA	0.212	0.002	
FOR AQUIFER - 1000-1200 FOOT SAND OF BATON ROUGE AREA				0.212	0.002
1368	AIR PRODUCTS	1200-FOOT SAND OF BATON ROUGE AREA	100.739	1.107	
FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA				100.739	1.107
FOR OWNER - AIR PRODUCTS				100.951	1.109

1038	ALBEMARLE CORP	400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1269	ALBEMARLE CORP	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR OWNER - ALBEMARLE CORP	0.000	0.000
1426	AUDUBON HOMES	1700-FOOT SAND OF BATON ROUGE AREA	0.989	0.011
1427	AUDUBON HOMES	1700-FOOT SAND OF BATON ROUGE AREA	1.016	0.011
		FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA	2.005	0.022
		FOR OWNER - AUDUBON HOMES	2.005	0.022
698	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
754	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	68.860	0.757
892 A	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	25.665	0.282
1419	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	12.312	0.135
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	106.837	1.174
		FOR OWNER - BAKER	106.837	1.174
969	BASF	1500-FOOT SAND OF BATON ROUGE AREA	5.680	0.062
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	5.680	0.062
		FOR OWNER - BASF	5.680	0.062
991 B	BATON ROUGE WW	400-FOOT SAND OF BATON ROUGE AREA	3.954	0.043
1017 C	BATON ROUGE WW	400-FOOT SAND OF BATON ROUGE AREA	104.425	1.148

XR01-11 PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY OWNER BY AQUIFER
04/17 THRU 06/17

Printed 10/16/2017 1:48:34 PM

Page 2 of 12

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA	108.379	1.191
1279	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	22.940	0.252
1352	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	35.596	0.391
1354	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	190.256	2.091
		FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA	248.792	2.734
1135	BATON ROUGE WW	800 AND 1000-FOOT SANDS OF BATON ROUGE	9.905	0.109
		FOR AQUIFER - 800 AND 1000-FOOT SANDS OF BATON ROUGE AREA	9.905	0.109
632	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	165.630	1.820

926	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	111.979	1.231
1035	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	105.780	1.162
1123	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	8.555	0.094
1220 B	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	5.075	0.056
1276	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	136.072	1.495
1308	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	31.445	0.346

FOR AQUIFER - 1000-FOOT SAND OF BATON ROUGE AREA 564.536 6.204

772	BATON ROUGE WW	1000-1200 FOOT SAND OF BATON ROUGE AREA	124.402	1.367
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FOR AQUIFER - 1000-1200 FOOT SAND OF BATON ROUGE AREA 124.402 1.367

523	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	148.121	1.628
584	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	1.897	0.021
621	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	14.999	0.165
653	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	31.135	0.342
752	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	8.638	0.095
756	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	87.070	0.957
925	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	2.714	0.030
990	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	124.348	1.366
1003	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	100.167	1.101
1016 B	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	121.459	1.335
1287	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	10.360	0.114
1297	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	242.916	2.669

FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA 893.824 9.822

413	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	84.706	0.931
510	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	1.496	0.016
657	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	1.548	0.017
658	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	134.626	1.479
726	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	166.732	1.832
771	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	117.202	1.288
773	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	45.233	0.497
927	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	154.990	1.703
938	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	141.025	1.550

XR01-11 PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY OWNER BY AQUIFER
04/17 THRU 06/17

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Page 3 of 12

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
939	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	1.447	0.016
961	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	4.499	0.049
1295 C	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	5.230	0.057
1423	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	62.307	0.685
1424	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	38.819	0.427
FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA			959.860	10.548
828	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	87.420	0.961
873	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	3.577	0.039
1303	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	4.835	0.053
1356	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	71.758	0.789
1375	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	190.944	2.098
FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA			358.534	3.940
630	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	2.982	0.033
774	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	36.907	0.406
814	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	41.319	0.454
874	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	15.858	0.174

878	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	122.029	1.341
1150	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	79.711	0.876
FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA			298.806	3.284
151	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	72.862	0.801
733	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	4.701	0.052
1253	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	33.523	0.368
FOR AQUIFER - 2000-2400 FOOT SAND OF BATON ROUGE AREA			111.086	1.221
654	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	6.027	0.066
751	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	17.339	0.191
769	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	147.885	1.625
813	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	129.005	1.418
928	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	147.798	1.624
1004	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	2.912	0.032
1025	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	1.954	0.021
1039	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	65.795	0.723
1149	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	227.119	2.496
1252	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	135.182	1.486
1262	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	117.023	1.286
1353	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	15.672	0.172
1367	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	164.076	1.803
1420	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	4.068	0.045
FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA			1181.855	12.987
750	BATON ROUGE WW	2800-FOOT SAND OF BATON ROUGE AREA	2.207	0.024
798	BATON ROUGE WW	2800-FOOT SAND OF BATON ROUGE AREA	1.862	0.020

XR01-11 PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY OWNER BY AQUIFER
04/17 THRU 06/17

Printed 10/16/2017 1:48:34 PM

Page 4 of 12

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA			4.069	0.045
FOR OWNER - BATON ROUGE WW			4864.048	53.451
622	BONNE ESPERANCE	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA			0.000	0.000
FOR OWNER - BONNE ESPERANCE			0.000	0.000
1259	BR COUNTRY CLUB	400-FOOT SAND OF BATON ROUGE AREA	4.743	0.052
1282	BR COUNTRY CLUB	400-FOOT SAND OF BATON ROUGE AREA	0.507	0.006
FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA			5.250	0.058
1136	BR COUNTRY CLUB	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA			0.000	0.000
FOR OWNER - BR COUNTRY CLUB			5.250	0.058

886	CLEAN HARBORS	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
	FOR AQUIFER -	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1153	CLEAN HARBORS	1200-FOOT SAND OF BATON ROUGE AREA	0.964	0.011
	FOR AQUIFER -	1200-FOOT SAND OF BATON ROUGE AREA	0.964	0.011
	FOR OWNER -	CLEAN HARBORS	0.964	0.011
1373	COCA-COLA BTLNG	600-FOOT SAND OF BATON ROUGE AREA	23.679	0.260
	FOR AQUIFER -	600-FOOT SAND OF BATON ROUGE AREA	23.679	0.260
1374	COCA-COLA BTLNG	800-FOOT SAND OF BATON ROUGE AREA	23.679	0.260
	FOR AQUIFER -	800-FOOT SAND OF BATON ROUGE AREA	23.679	0.260
	FOR OWNER -	COCA-COLA BTLNG	47.358	0.520
1223	COUN CLUB OF LA	GONZALES-NEW ORLEANS AQUIFER	0.000	0.000
1249	COUN CLUB OF LA	GONZALES-NEW ORLEANS AQUIFER	19.440	0.214
XR01-11		PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY OWNER BY AQUIFER 04/17 THRU 06/17		

Printed 10/16/2017 1:48:34 PM

Page 5 of 12

Well Number	Owner's Name	Aquifer	Pumpage		
			Total (Mill. Gal.)	Daily (MGD)	
		FOR AQUIFER -	GONZALES-NEW ORLEANS AQUIFER	19.440	0.214
1195	COUN CLUB OF LA	SHALLOW SANDS OF BATON ROUGE AREA	0.000	0.000	
		FOR AQUIFER -	SHALLOW SANDS OF BATON ROUGE AREA	0.000	0.000
		FOR OWNER -	COUN CLUB OF LA	19.440	0.214
561	DELTECH CORP	1500-FOOT SAND OF BATON ROUGE AREA	14.014	0.154	
		FOR AQUIFER -	1500-FOOT SAND OF BATON ROUGE AREA	14.014	0.154
572	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000	
723	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	27.482	0.302	
966	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	44.681	0.491	
1002	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000	
		FOR AQUIFER -	2800-FOOT SAND OF BATON ROUGE AREA	72.163	0.793
		FOR OWNER -	DELTECH CORP	86.177	0.947
546	ECO SERVICES	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000	
		FOR AQUIFER -	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
294	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	32.400	0.356	

454	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	50.760	0.558
872	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1421	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	296.093	3.254
FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA			379.253	4.168
FOR OWNER - ECO SERVICES			379.253	4.168
522	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1304	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA			0.000	0.000
788	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	134.501	1.478
1151	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	123.481	1.357
1227	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	137.033	1.506
1309	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	0.003	0.000
1313	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	107.214	1.178
1317	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	148.835	1.636
1323	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	10.474	0.115

XR01-11 PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY OWNER BY AQUIFER
04/17 THRU 06/17

Printed 10/16/2017 1:48:35 PM

Page 6 of 12

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA			661.541	7.270
FOR OWNER - ENTERGY			661.541	7.270
748	EXIDE CORP	1500-FOOT SAND OF BATON ROUGE AREA	4.615	0.051
FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA			4.615	0.051
FOR OWNER - EXIDE CORP			4.615	0.051
629	EXXON CHEM/BRPO	1200-FOOT SAND OF BATON ROUGE AREA	20.590	0.226
FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA			20.590	0.226
977	EXXON CHEM/BRPO	1500-FOOT SAND OF BATON ROUGE AREA	120.132	1.320
FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA			120.132	1.320
978	EXXON CHEM/BRPO	2800-FOOT SAND OF BATON ROUGE AREA	120.979	1.329
1268	EXXON CHEM/BRPO	2800-FOOT SAND OF BATON ROUGE AREA	125.992	1.385
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA			246.971	2.714
FOR OWNER - EXXON CHEM/BRPO			387.693	4.260
403	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	111.139	1.221
557	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	151.532	1.665
567	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	73.029	0.803
649	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	137.716	1.513

Well Number	Owner's Name	Aquifer	Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	473.416	5.202
722	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	17.278	0.190
856	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	1.186	0.013
962	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	169.025	1.857
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	187.489	2.060
351	EXXON CHEMICAL	2400-FOOT SAND OF BATON ROUGE AREA	3.214	0.035
353	EXXON CHEMICAL	2400-FOOT SAND OF BATON ROUGE AREA	17.220	0.189
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	20.434	0.225
		FOR OWNER - EXXON CHEMICAL	681.339	7.487
1230	EXXON CHM NORTH	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
XR01-11		PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY OWNER BY AQUIFER 04/17 THRU 06/17		
Printed 10/16/2017 1:48:35 PM			Page 7 of 12	
			Pumpage	
			Total	Daily
			(Mill. Gal.)	(MGD)
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
656	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
737	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1030	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR OWNER - EXXON CHM NORTH	0.000	0.000
1171	EXXON CHM RESIN	600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1435	EXXON CHM RESIN	1500-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1292	EXXON CHM RESIN	2800-FOOT SAND OF BATON ROUGE AREA	38.220	0.420
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	38.220	0.420
		FOR OWNER - EXXON CHM RESIN	38.220	0.420
859	EXXON PLASTICS	2800-FOOT SAND OF BATON ROUGE AREA	110.110	1.210
860	EXXON PLASTICS	2800-FOOT SAND OF BATON ROUGE AREA	110.110	1.210
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	220.220	2.420
		FOR OWNER - EXXON PLASTICS	220.220	2.420
34	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
356	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	42.378	0.466

499	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA	42.378	0.466
473	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	87.980	0.967
490	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	61.632	0.677
1318	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	96.630	1.062
		FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA	246.242	2.706
1372	EXXON U.S.A.	800-FOOT SAND OF BATON ROUGE AREA	174.393	1.916
		FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA	174.393	1.916

XR01-11 PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY OWNER BY AQUIFER
04/17 THRU 06/17

Printed 10/16/2017 1:48:35 PM

Page 8 of 12

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
398	EXXON U.S.A.	1000-1200 FOOT SAND OF BATON ROUGE AREA	79.512	0.874
		FOR AQUIFER - 1000-1200 FOOT SAND OF BATON ROUGE AREA	79.512	0.874
576	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	111.223	1.222
580	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	94.038	1.033
1377	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	110.933	1.219
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	316.194	3.475
491	EXXON U.S.A.	1500-FOOT SAND OF BATON ROUGE AREA	0.120	0.001
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	0.120	0.001
587	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	2.743	0.030
810	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
851	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	123.359	1.356
855	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
884	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	126.102	1.386
		FOR OWNER - EXXON U.S.A.	984.941	10.824
958	FORMOSA PLASTIC	400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1095	FORMOSA PLASTIC	400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1273	FORMOSA PLASTIC	1200-FOOT SAND OF BATON ROUGE AREA	15.725	0.173
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	15.725	0.173
		FOR OWNER - FORMOSA PLASTIC	15.725	0.173
947	GEORGIA PACIFIC	400-FOOT SAND OF BATON ROUGE AREA	96.722	1.063
		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA	96.722	1.063

1436	GEORGIA PACIFIC	400-FOOT SAND OF NEW ORLEANS AREA	129.600	1.424
	FOR AQUIFER -	400-FOOT SAND OF NEW ORLEANS AREA	129.600	1.424
973	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1231	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	145.166	1.595
1243	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	118.733	1.305
1256	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	209.354	2.301
1257	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1425	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	129.600	1.424
XR01-11		PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY OWNER BY AQUIFER 04/17 THRU 06/17		

Printed 10/16/2017 1:48:35 PM

Page 9 of 12

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
1432	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	129.652	1.425
	FOR AQUIFER -	400-600 FOOT SAND OF BATON ROUGE AREA	732.505	8.050
1294	GEORGIA PACIFIC	1200-FOOT SAND OF BATON ROUGE AREA	36.774	0.404
	FOR AQUIFER -	1200-FOOT SAND OF BATON ROUGE AREA	36.774	0.404
835	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	125.547	1.380
837	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	256.139	2.815
1248	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	300.954	3.307
1277	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	102.203	1.123
	FOR AQUIFER -	1500-1700-FOOT SAND OF THE BATON ROUGE AREA	784.843	8.625
838	GEORGIA PACIFIC	1700-FOOT SAND OF BATON ROUGE AREA	149.514	1.643
	FOR AQUIFER -	1700-FOOT SAND OF BATON ROUGE AREA	149.514	1.643
844 B	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	136.670	1.502
845	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	128.553	1.413
846	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	144.535	1.588
1173	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	293.948	3.230
1174	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	96.824	1.064
1241	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	236.002	2.593
1247	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	282.008	3.099
	FOR AQUIFER -	2800-FOOT SAND OF BATON ROUGE AREA	1318.540	14.489
	FOR OWNER -	GEORGIA PACIFIC	3248.498	35.698
395	HONEYWELL	1000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
467	HONEYWELL	1000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
	FOR AQUIFER -	1000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
562	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
784	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	1.799	0.020
1301	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	106.178	1.167
	FOR AQUIFER -	1200-FOOT SAND OF BATON ROUGE AREA	107.977	1.187
	FOR OWNER -	HONEYWELL	107.977	1.187

1260 NPC SERVICES 1500-FOOT SAND OF BATON ROUGE AREA 0.027 0.000
 FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA 0.027 0.000
 XR01-11 PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY OWNER BY AQUIFER
 04/17 THRU 06/17

Printed 10/16/2017 1:48:35 PM

Page 10 of 12

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
	FOR OWNER - NPC SERVICES		0.027	0.000
1048	OXBOW CALCINING	1500-FOOT SAND OF BATON ROUGE AREA	43.480	0.478
1155	OXBOW CALCINING	1500-FOOT SAND OF BATON ROUGE AREA	23.480	0.258
	FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA		66.960	0.736
	FOR OWNER - OXBOW CALCINING		66.960	0.736
1132	PARISH WATER CO	400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1298	PARISH WATER CO	400-FOOT SAND OF BATON ROUGE AREA	97.492	1.071
	FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA		97.492	1.071
879	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	78.938	0.867
1018	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	11.925	0.131
1228	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	99.653	1.095
1261	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	17.921	0.197
	FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA		208.437	2.291
1288	PARISH WATER CO	800-FOOT SAND OF BATON ROUGE AREA	57.388	0.631
	FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA		57.388	0.631
1328	PARISH WATER CO	1000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
	FOR AQUIFER - 1000-FOOT SAND OF BATON ROUGE AREA		0.000	0.000
1312	PARISH WATER CO	1200-FOOT SAND OF BATON ROUGE AREA	87.724	0.964
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		87.724	0.964
614	PARISH WATER CO	1700-FOOT SAND OF BATON ROUGE AREA	19.525	0.215
994	PARISH WATER CO	1700-FOOT SAND OF BATON ROUGE AREA	7.120	0.078
	FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA		26.645	0.293
1280	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	38.982	0.428
1306	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	39.286	0.432
1319	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	4.747	0.052
	FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA		83.015	0.912
1001	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	12.713	0.140
1027	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	12.775	0.140
1031	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	0.642	0.007
1032	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1258	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	101.928	1.120

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	128.058	1.407
568	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	34.810	0.383
623	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
700	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	0.810	0.009
730	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	0.784	0.009
829	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	32.273	0.355
830	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	38.719	0.425
831	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
832	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	15.341	0.169
922	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	67.714	0.744
995	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
1187	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	63.795	0.701
1311	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	26.245	0.288
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	280.491	3.082
		FOR OWNER - PARISH WATER CO	969.250	10.651
1246	PENNINGTON MED	400-FOOT SAND OF BATON ROUGE AREA	3.063	0.034
		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA	3.063	0.034
		FOR OWNER - PENNINGTON MED	3.063	0.034
588	SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR OWNER - SLAUGHTER	0.000	0.000
544	SOUTHERN IONICS	2000-FOOT SAND OF BATON ROUGE AREA	3.185	0.035
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	3.185	0.035
		FOR OWNER - SOUTHERN IONICS	3.185	0.035
785	UOP LLC	2000-FOOT SAND OF BATON ROUGE AREA	90.510	0.995
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	90.510	0.995
786	UOP LLC	2400-FOOT SAND OF BATON ROUGE AREA	51.118	0.562
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	51.118	0.562

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
	FOR OWNER - UOP LLC		141.628	1.556
655	WATCO COMPANIES	1500-FOOT SAND OF BATON ROUGE AREA	1.500	0.016
	FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA		1.500	0.016
	FOR OWNER - WATCO COMPANIES		1.500	0.016
770	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	44.124	0.485
854	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	44.124	0.485
1186	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	44.124	0.485
1302	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	44.125	0.485
1365	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	44.126	0.485
	FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA		220.623	2.424
	FOR OWNER - ZACHARY		220.623	2.424
REPORT TOTAL			13374.968	
146.978				

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
34	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
356	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	42.378	0.466
499	EXXON U.S.A.	400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
947	GEORGIA PACIFIC	400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	96.722	1.063
	FOR USE - INDUSTRIAL			139.100	1.529
1246	PENNINGTON MED	400-FOOT SAND OF BATON ROUGE AREA	IRRIGATION	3.063	0.034
1259	BR COUNTRY CLUB	400-FOOT SAND OF BATON ROUGE AREA	IRRIGATION	4.743	0.052
1282	BR COUNTRY CLUB	400-FOOT SAND OF BATON ROUGE AREA	IRRIGATION	0.507	0.006
	FOR USE - IRRIGATION			8.313	0.091
991 B	BATON ROUGE WW	400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	3.954	0.043
1017 C	BATON ROUGE WW	400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	104.425	1.148
1132	PARISH WATER CO	400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
1298	PARISH WATER CO	400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	97.492	1.071
	FOR USE - PUBLIC			205.871	2.262

		FOR AQUIFER - 400-FOOT SAND OF BATON ROUGE AREA		353.284	3.882
1436	GEORGIA PACIFIC	400-FOOT SAND OF NEW ORLEANS AREA	INDUSTRIAL	129.600	1.424
		FOR USE - INDUSTRIAL		129.600	1.424
		FOR AQUIFER - 400-FOOT SAND OF NEW ORLEANS AREA		129.600	1.424
958	FORMOSA PLASTIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
973	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1038	ALBEMARLE CORP	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1095	FORMOSA PLASTIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1231	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	145.166	1.595
1243	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	118.733	1.305
1256	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	209.354	2.301
1257	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1425	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	129.600	1.424
1432	GEORGIA PACIFIC	400-600 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	129.652	1.425
		FOR USE - INDUSTRIAL		732.505	8.050
		FOR AQUIFER - 400-600 FOOT SAND OF BATON ROUGE AREA		732.505	8.050
473	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	87.980	0.967
490	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	61.632	0.677
546	ECO SERVICES	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
886	CLEAN HARBORS	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1171	EXXON CHM RESIN	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000

XR01-12 PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY AQUIFER BY USE
04/17 THRU 06/17

Printed 10/16/2017 1:50:58 PM

Page 2 of 8

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
1269	ALBEMARLE CORP	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1318	EXXON U.S.A.	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	96.630	1.062
1373	COCA-COLA BTLNG	600-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	23.679	0.260
		FOR USE - INDUSTRIAL		269.921	2.966
879	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	PUBLIC	78.938	0.867
1018	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	PUBLIC	11.925	0.131
1228	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	PUBLIC	99.653	1.095
1261	PARISH WATER CO	600-FOOT SAND OF BATON ROUGE AREA	PUBLIC	17.921	0.197
		FOR USE - PUBLIC		208.437	2.291
		FOR AQUIFER - 600-FOOT SAND OF BATON ROUGE AREA		478.358	5.257
1223	COUN CLUB OF LA	GONZALES-NEW ORLEANS AQUIFER	IRRIGATION	0.000	0.000
1249	COUN CLUB OF LA	GONZALES-NEW ORLEANS AQUIFER	IRRIGATION	19.440	0.214
		FOR USE - IRRIGATION		19.440	0.214

		FOR AQUIFER - GONZALES-NEW ORLEANS AQUIFER		19.440	0.214
1195	COUN CLUB OF LA	SHALLOW SANDS OF BATON ROUGE AREA	IRRIGATION	0.000	0.000
		FOR USE - IRRIGATION		0.000	0.000
		FOR AQUIFER - SHALLOW SANDS OF BATON ROUGE AREA		0.000	0.000
1372	EXXON U.S.A.	800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	174.393	1.916
1374	COCA-COLA BTLNG	800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	23.679	0.260
		FOR USE - INDUSTRIAL		198.072	2.177
1279	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	22.940	0.252
1288	PARISH WATER CO	800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	57.388	0.631
1352	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	35.596	0.391
1354	BATON ROUGE WW	800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	190.256	2.091
		FOR USE - PUBLIC		306.180	3.365
		FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA		504.252	5.541
1135	BATON ROUGE WW	800 AND 1000-FOOT SANDS OF BATON ROUGE	PUBLIC	9.905	0.109
		FOR USE - PUBLIC		9.905	0.109

XR01-12 PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY AQUIFER BY USE
04/17 THRU 06/17

Printed 10/16/2017 1:50:58 PM

Page 3 of 8

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 800 AND 1000-FOOT SANDS OF BATON ROUGE AREA		9.905	0.109
395	HONEYWELL	1000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
467	HONEYWELL	1000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
		FOR USE - INDUSTRIAL		0.000	0.000
632	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	165.630	1.820
926	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	111.979	1.231
1035	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	105.780	1.162
1123	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	8.555	0.094
1220 B	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.075	0.056
1276	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	136.072	1.495
1308	BATON ROUGE WW	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	31.445	0.346
1328	PARISH WATER CO	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
		FOR USE - PUBLIC		564.536	6.204
		FOR AQUIFER - 1000-FOOT SAND OF BATON ROUGE AREA		564.536	6.204
398	EXXON U.S.A.	1000-1200 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	79.512	0.874
1369	AIR PRODUCTS	1000-1200 FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.212	0.002
		FOR USE - INDUSTRIAL		79.724	0.876

772	BATON ROUGE WW	1000-1200 FOOT SAND OF BATON ROUGE AREA	PUBLIC	124.402	1.367
FOR USE - PUBLIC				124.402	1.367
FOR AQUIFER - 1000-1200 FOOT SAND OF BATON ROUGE AREA				204.126	2.243
403	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	111.139	1.221
557	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	151.532	1.665
562	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
567	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	73.029	0.803
576	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	111.223	1.222
580	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	94.038	1.033
629	EXXON CHEM/BRPO	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	20.590	0.226
649	EXXON CHEMICAL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	137.716	1.513
784	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	1.799	0.020
1153	CLEAN HARBORS	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.964	0.011
1230	EXXON CHM NORTH	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1273	FORMOSA PLASTIC	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	15.725	0.173
1294	GEORGIA PACIFIC	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	36.774	0.404
1301	HONEYWELL	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	106.178	1.167
1368	AIR PRODUCTS	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	100.739	1.107
1377	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	110.933	1.219

XR01-12 PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY AQUIFER BY USE
04/17 THRU 06/17

Printed 10/16/2017 1:50:58 PM

Page 4 of 8

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
FOR USE - INDUSTRIAL				1,072.379	11.784
1136	BR COUNTRY CLUB	1200-FOOT SAND OF BATON ROUGE AREA	IRRIGATION	0.000	0.000
FOR USE - IRRIGATION				0.000	0.000
522	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.000	0.000
1304	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.000	0.000
FOR USE - POWER GEN				0.000	0.000
523	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	148.121	1.628
584	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.897	0.021
621	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	14.999	0.165
622	BONNE ESPERANCE	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
653	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	31.135	0.342
752	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	8.638	0.095
756	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	87.070	0.957
925	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.714	0.030
990	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	124.348	1.366
1003	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	100.167	1.101
1016 B	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	121.459	1.335
1287	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	10.360	0.114
1297	BATON ROUGE WW	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	242.916	2.669
1312	PARISH WATER CO	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	87.724	0.964
FOR USE - PUBLIC				981.548	10.786
FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA				2,053.927	22.571

1424	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	DEWATERING	38.819	0.427
FOR USE - DEWATERING				38.819	0.427
491	EXXON U.S.A.	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.120	0.001
561	DELTECH CORP	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	14.014	0.154
748	EXIDE CORP	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	4.615	0.051
969	BASF	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	5.680	0.062
977	EXXON CHEM/BRPO	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	120.132	1.320
1048	OXBOW CALCINING	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	43.480	0.478
1155	OXBOW CALCINING	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	23.480	0.258
1260	NPC SERVICES	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.027	0.000
1435	EXXON CHM RESIN	1500-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
FOR USE - INDUSTRIAL				211.548	2.325
413	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	84.706	0.931
510	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.496	0.016
655	WATCO COMPANIES	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.500	0.016

XR01-12

PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY AQUIFER BY USE
04/17 THRU 06/17

Printed 10/16/2017 1:50:59 PM

Page 5 of 8

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
657	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.548	0.017
658	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	134.626	1.479
726	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	166.732	1.832
771	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	117.202	1.288
773	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	45.233	0.497
927	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	154.990	1.703
938	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	141.025	1.550
939	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.447	0.016
961	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.499	0.049
1295 C	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.230	0.057
1423	BATON ROUGE WW	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	62.307	0.685
FOR USE - PUBLIC				922.541	10.138
FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA				1,172.908	12.889
835	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	INDUSTRIAL	125.547	1.380
837	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	INDUSTRIAL	256.139	2.815
1248	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	INDUSTRIAL	300.954	3.307
1277	GEORGIA PACIFIC	1500-1700-FOOT SAND OF THE BATON ROUGE	INDUSTRIAL	102.203	1.123
FOR USE - INDUSTRIAL				784.843	8.625
FOR AQUIFER - 1500-1700-FOOT SAND OF THE BATON ROUGE AREA				784.843	8.625
838	GEORGIA PACIFIC	1700-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	149.514	1.643
FOR USE - INDUSTRIAL				149.514	1.643
614	PARISH WATER CO	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	19.525	0.215
828	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	87.420	0.961
873	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	3.577	0.039
994	PARISH WATER CO	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	7.120	0.078

1303	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.835	0.053
1356	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	71.758	0.789
1375	BATON ROUGE WW	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	190.944	2.098
1426	AUDUBON HOMES	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.989	0.011
1427	AUDUBON HOMES	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.016	0.011

FOR USE - PUBLIC 387.184 4.255

FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA 536.698 5.898

544	SOUTHERN IONICS	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	3.185	0.035
587	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	2.743	0.030
656	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
722	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	17.278	0.190
737	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000

XR01-12 PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY AQUIFER BY USE
04/17 THRU 06/17

Printed 10/16/2017 1:50:59 PM

Page 6 of 8

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
785	UOP LLC	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	90.510	0.995
810	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
851	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	123.359	1.356
855	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
856	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	1.186	0.013
884	EXXON U.S.A.	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
962	EXXON CHEMICAL	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	169.025	1.857
1030	EXXON CHM NORTH	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000

FOR USE - INDUSTRIAL 407.286 4.476

788	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	134.501	1.478
1151	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	123.481	1.357
1227	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	137.033	1.506
1309	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.003	0.000
1313	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	107.214	1.178
1317	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	148.835	1.636
1323	ENTERGY	2000-FOOT SAND OF BATON ROUGE AREA	POWER GEN	10.474	0.115

FOR USE - POWER GEN 661.541 7.270

630	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.982	0.033
774	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	36.907	0.406
814	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	41.319	0.454
874	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	15.858	0.174
878	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	122.029	1.341
1150	BATON ROUGE WW	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	79.711	0.876
1280	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	38.982	0.428
1306	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	39.286	0.432
1319	PARISH WATER CO	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.747	0.052

FOR USE - PUBLIC 381.821 4.196

FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA 1,450.64815.941

151	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	PUBLIC	72.862	0.801
733	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.701	0.052
1253	BATON ROUGE WW	2000-2400 FOOT SAND OF BATON ROUGE AREA	PUBLIC	33.523	0.368

FOR USE - PUBLIC

111.086 1.221

FOR AQUIFER - 2000-2400 FOOT SAND OF BATON ROUGE AREA

111.086 1.221

294	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	32.400	0.356
351	EXXON CHEMICAL	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	3.214	0.035
353	EXXON CHEMICAL	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	17.220	0.189
454	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	50.760	0.558
786	UOP LLC	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	51.118	0.562
872	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000

XR01-12

PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY AQUIFER BY USE
04/17 THRU 06/17

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Page 7 of 8

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
FOR USE - INDUSTRIAL				154.712	1.700
654	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.027	0.066
751	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	17.339	0.191
769	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	147.885	1.625
813	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	129.005	1.418
928	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	147.798	1.624
1001	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	12.713	0.140
1004	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.912	0.032
1025	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.954	0.021
1027	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	12.775	0.140
1031	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.642	0.007
1032	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
1039	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	65.795	0.723
1149	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	227.119	2.496
1252	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	135.182	1.486
1258	PARISH WATER CO	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	101.928	1.120
1262	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	117.023	1.286
1353	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	15.672	0.172
1367	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	164.076	1.803
1420	BATON ROUGE WW	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.068	0.045
1421	ECO SERVICES	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	296.093	3.254

FOR USE - PUBLIC

1,606.00617.648

FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA

1,760.71819.349

572	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
723	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	27.482	0.302
844 B	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	136.670	1.502
845	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	128.553	1.413
846	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	144.535	1.588
859	EXXON PLASTICS	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	110.110	1.210
860	EXXON PLASTICS	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	110.110	1.210
966	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	44.681	0.491
978	EXXON CHEM/BRPO	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	120.979	1.329
1002	DELTECH CORP	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	0.000	0.000
1173	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	293.948	3.230
1174	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	96.824	1.064
1241	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	236.002	2.593
1247	GEORGIA PACIFIC	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	282.008	3.099
1268	EXXON CHEM/BRPO	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	125.992	1.385

1292	EXXON CHM RESIN	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	38.220	0.420
FOR USE - INDUSTRIAL				1,896.114	20.836
568	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	34.810	0.383
588	SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
623	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000

XR01-12

PUMPAGE FROM WATER WELLS IN EAST BATON ROUGE BY AQUIFER BY USE
04/17 THRU 06/17

Printed 10/16/2017 1:50:59 PM

Page 8 of 8

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
698	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
700	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.810	0.009
730	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.784	0.009
750	BATON ROUGE WW	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.207	0.024
754	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	68.860	0.757
770	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	44.124	0.485
798	BATON ROUGE WW	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.862	0.020
829	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	32.273	0.355
830	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	38.719	0.425
831	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
832	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	15.341	0.169
854	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	44.124	0.485
892 A	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	25.665	0.282
922	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	67.714	0.744
995	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
1186	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	44.124	0.485
1187	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	63.795	0.701
1302	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	44.125	0.485
1311	PARISH WATER CO	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	26.245	0.288
1365	ZACHARY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	44.126	0.485
1419	BAKER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	12.312	0.135
FOR USE - PUBLIC				612.020	6.725
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA				2,508.134	27.562
REPORT TOTAL				13,374.968	
				146.978	

East Feliciana Parish

First Quarter, 2017

XR01-11

PUMPAGE FROM WATER WELLS IN EAST FELICIANA BY OWNER BY AQUIFER
01/17 THRU 03/17Printed 10/18/2017 11:41:03
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Page 1 of 3

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
73 B	CLINTON	CATAHOULA FORMATION	9.356	0.103
251	CLINTON	CATAHOULA FORMATION	14.189	0.156
	FOR AQUIFER - CATAHOULA FORMATION		23.545	0.259
	FOR OWNER - CLINTON		23.545	0.259
312	DIXON CORR INST	2400-FOOT SAND OF BATON ROUGE AREA	29.013	0.319
	FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA		29.013	0.319
	FOR OWNER - DIXON CORR INST		29.013	0.319
50	E LA STATE HOSP	2000-2400 FOOT SAND OF BATON ROUGE AREA	1.389	0.015
	FOR AQUIFER - 2000-2400 FOOT SAND OF BATON ROUGE AREA		1.389	0.015
228 B	E LA STATE HOSP	2400-FOOT SAND OF BATON ROUGE AREA	16.505	0.181
	FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA		16.505	0.181
185	E LA STATE HOSP	2800-FOOT SAND OF BATON ROUGE AREA	1.933	0.021
	FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA		1.933	0.021
	FOR OWNER - E LA STATE HOSP		19.827	0.218
249	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	13.931	0.153
254	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	8.146	0.090
259	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	26.582	0.292
260 B	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	6.138	0.067
302	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	36.017	0.396
	FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA		90.814	0.998
248	EF WATER SYSTEM	CATAHOULA FORMATION	5.201	0.057
257	EF WATER SYSTEM	CATAHOULA FORMATION	0.000	0.000
277 A	EF WATER SYSTEM	CATAHOULA FORMATION	0.000	0.000
	FOR AQUIFER - CATAHOULA FORMATION		5.201	0.057
	FOR OWNER - EF WATER SYSTEM		96.015	1.055
285	EF WW DIST 7	CATAHOULA FORMATION	16.052	0.176
297	EF WW DIST 7	CATAHOULA FORMATION	9.421	0.104

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - CATAHOULA FORMATION	25.473	0.280
		FOR OWNER - EF WW DIST 7	25.473	0.280
258	JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	6.384	0.070
262	JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	6.384	0.070
301	JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	6.384	0.070
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	19.152	0.210
		FOR OWNER - JACKSON	19.152	0.210
225	NORWOOD	1500-FOOT SAND OF BATON ROUGE AREA	3.296	0.036
295	NORWOOD	1500-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	3.296	0.036
		FOR OWNER - NORWOOD	3.296	0.036
223	SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
305	SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	15.868	0.174
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	15.868	0.174
		FOR OWNER - SLAUGHTER	15.868	0.174
272	WAR VETS HOME	2400-FOOT SAND OF BATON ROUGE AREA	0.656	0.007
273	WAR VETS HOME	2400-FOOT SAND OF BATON ROUGE AREA	0.656	0.007
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	1.312	0.014
		FOR OWNER - WAR VETS HOME	1.312	0.014
64	WILLIAMS	1200-FOOT SAND OF BATON ROUGE AREA	1.500	0.016
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	1.500	0.016
281	WILLIAMS	2400-FOOT SAND OF BATON ROUGE AREA	1.500	0.016
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	1.500	0.016
		FOR OWNER - WILLIAMS	3.000	0.033
221	WILSON	1500-FOOT SAND OF BATON ROUGE AREA	0.000	0.000

XR01-11

PUMPAGE FROM WATER WELLS IN EAST FELICIANA BY OWNER BY AQUIFER
01/17 THRU 03/17

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Page 3 of 3

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
296	WILSON	1500-FOOT SAND OF BATON ROUGE AREA	7.229	0.079
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	7.229	0.079
		FOR OWNER - WILSON	7.229	0.079
REPORT TOTAL			243.730	2.678

XR01-12

PUMPAGE FROM WATER WELLS IN EAST FELICIANA BY AQUIFER BY USE
01/17 THRU 03/17

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Page 1 of 2

Well Number (MGD)	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
64	WILLIAMS	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	1.500	0.016
		FOR USE - INDUSTRIAL		1.500	0.016
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		1.500	0.016
221	WILSON	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
225	NORWOOD	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	3.296	0.036
295	NORWOOD	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
296	WILSON	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	7.229	0.079
		FOR USE - PUBLIC		10.525	0.116
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA		10.525	0.116
50	E LA STATE HOSP	2000-2400 FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.389	0.015
		FOR USE - PUBLIC		1.389	0.015
		FOR AQUIFER - 2000-2400 FOOT SAND OF BATON ROUGE AREA		1.389	0.015
281	WILLIAMS	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	1.500	0.016
		FOR USE - INDUSTRIAL		1.500	0.016
228 B	E LA STATE HOSP	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	16.505	0.181
258	JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.384	0.070
262	JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.384	0.070
272	WAR VETS HOME	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.656	0.007
273	WAR VETS HOME	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.656	0.007
301	JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.384	0.070
312	DIXON CORR INST	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	29.013	0.319
		FOR USE - PUBLIC		65.982	0.725

FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA

67.482 0.742

185	E LA STATE HOSP	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.933	0.021
223	SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
249	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	13.931	0.153
254	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	8.146	0.090
259	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	26.582	0.292
260 B	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.138	0.067
302	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	36.017	0.396
305	SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	15.868	0.174

XR01-12

PUMPAGE FROM WATER WELLS IN EAST FELICIANA BY AQUIFER BY USE
01/17 THRU 03/17

Printed 10/18/2017 11:43:49 AM

Page 2 of 2

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
FOR USE - PUBLIC				108.615	1.194
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA				108.615	1.194
73 B	CLINTON	CATAHOULA FORMATION	PUBLIC	9.356	0.103
248	EF WATER SYSTEM	CATAHOULA FORMATION	PUBLIC	5.201	0.057
251	CLINTON	CATAHOULA FORMATION	PUBLIC	14.189	0.156
257	EF WATER SYSTEM	CATAHOULA FORMATION	PUBLIC	0.000	0.000
277 A	EF WATER SYSTEM	CATAHOULA FORMATION	PUBLIC	0.000	0.000
285	EF WW DIST 7	CATAHOULA FORMATION	PUBLIC	16.052	0.176
297	EF WW DIST 7	CATAHOULA FORMATION	PUBLIC	9.421	0.104
FOR USE - PUBLIC				54.219	0.596
FOR AQUIFER - CATAHOULA FORMATION				54.219	0.596
REPORT TOTAL				243.730	2.678

East Feliciana Parish Second Quarter, 2017

XR01-11

PUMPAGE FROM WATER WELLS IN EAST FELICIANA BY OWNER BY AQUIFER

04/17 THRU 06/17

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Page 1 of 3

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
73 B	CLINTON	CATAHOULA FORMATION	PUBLIC	8.207	0.090
251	CLINTON	CATAHOULA FORMATION	PUBLIC	11.670	0.128
FOR AQUIFER - CATAHOULA FORMATION				19.877	0.218
FOR OWNER - CLINTON				19.877	0.218
312	DIXON CORR INST	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	24.386	0.268
FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA				24.386	0.268

FOR OWNER - DIXON CORR INST		24.386	0.268
50E LA STATE HOSP	2000-2400 FOOT SAND OF BATON ROUGE AREA	0.904	0.010
FOR AQUIFER - 2000-2400 FOOT SAND OF BATON ROUGE AREA		0.904	0.010
228 B E LA STATE HOSP	2400-FOOT SAND OF BATON ROUGE AREA	17.606	0.193
FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA		17.606	0.193
185E LA STATE HOSP	2800-FOOT SAND OF BATON ROUGE AREA	3.536	0.039
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA		3.536	0.039
FOR OWNER - E LA STATE HOSP		22.046	0.242
249EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	15.414	0.169
254EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	5.427	0.060
259EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	28.403	0.312
260 B EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	4.396	0.048
302EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	32.135	0.353
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA		85.775	0.943
248EF WATER SYSTEM	CATAHOULA FORMATION	6.983	0.077
257EF WATER SYSTEM	CATAHOULA FORMATION	0.000	0.000
277 A EF WATER SYSTEM	CATAHOULA FORMATION	0.000	0.000
FOR AQUIFER - CATAHOULA FORMATION		6.983	0.077
FOR OWNER - EF WATER SYSTEM		92.758	1.019
285EF WW DIST 7	CATAHOULA FORMATION	27.890	0.306
297EF WW DIST 7	CATAHOULA FORMATION	0.000	0.000
XR01-11	PUMPAGE FROM WATER WELLS IN EAST FELICIANA BY OWNER BY AQUIFER		
04/17 THRU 06/17			
Printed 10/16/2017 1:53:45 PM			Page 2 of 3
Pumpage			
Total			Daily
Well Number	Owner's Name	Aquifer	(Mill. Gal.) (MGD)
FOR AQUIFER - CATAHOULA FORMATION			27.890 0.306
FOR OWNER - EF WW DIST 7			27.890 0.306
258JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	9.071	0.100
262JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
301JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	9.733	0.107
FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA		18.804	0.207
FOR OWNER - JACKSON		18.804	0.207
225NORWOOD	1500-FOOT SAND OF BATON ROUGE AREA	3.487	0.038

295NORWOOD	1500-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA		3.487	0.038
FOR OWNER - NORWOOD		3.487	0.038
223SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
305SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	14.233	0.156
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA		14.233	0.156
FOR OWNER - SLAUGHTER		14.233	0.156
272WAR VETS HOME	2400-FOOT SAND OF BATON ROUGE AREA	0.649	0.007
273WAR VETS HOME	2400-FOOT SAND OF BATON ROUGE AREA	0.649	0.007
FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA		1.298	0.014
FOR OWNER - WAR VETS HOME		1.298	0.014
64WILLIAMS	1200-FOOT SAND OF BATON ROUGE AREA	1.500	0.016
FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		1.500	0.016
281WILLIAMS	2400-FOOT SAND OF BATON ROUGE AREA	1.500	0.016
FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA		1.500	0.016
FOR OWNER - WILLIAMS		3.000	0.033
221WILSON	1500-FOOT SAND OF BATON ROUGE AREA	0.000	0.000

XR01-11 PUMPAGE FROM WATER WELLS IN EAST FELICIANA BY OWNER BY AQUIFER
04/17 THRU 06/17
Printed 10/16/2017 1:53:45 PM

Pumpage			Daily	
Total			(Mill. Gal.) (MGD)	
Well Number	Owner's Name	Aquifer		
296WILSON	1500-FOOT SAND OF BATON ROUGE AREA		7.263	0.080
FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA			7.263	0.080
FOR OWNER - WILSON			7.263	0.080
REPORT TOTAL		235.042	2.583	

XR01-12 PUMPAGE FROM WATER WELLS IN EAST FELICIANA BY AQUIFER BY USE
04/17 THRU 06/17
Printed 10/16/2017 1:54:50 PM

Pumpage				Daily	
Total				(Mill. Gal.) (MGD)	
Well Number	Owner's Name	Aquifer	Use		

64	WILLIAMS	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	1.500	0.016
	FOR USE - INDUSTRIAL			1.500	0.016
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA			1.500	0.016
221	WILSON	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
225	NORWOOD	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	3.487	0.038
295	NORWOOD	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
296	WILSON	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	7.263	0.080
	FOR USE - PUBLIC			10.750	0.118
	FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA			10.750	0.118
50	E LA STATE HOSP	2000-2400 FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.904	0.010
	FOR USE - PUBLIC			0.904	0.010
	FOR AQUIFER - 2000-2400 FOOT SAND OF BATON ROUGE AREA			0.904	0.010
281	WILLIAMS	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	1.500	0.016
	FOR USE - INDUSTRIAL			1.500	0.016
228 B	E LA STATE HOSP	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	17.606	0.193
258	JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	9.071	0.100
262	JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
272	WAR VETS HOME	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.649	0.007
273	WAR VETS HOME	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.649	0.007
301	JACKSON	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	9.733	0.107
312	DIXON CORR INST	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	24.386	0.268
	FOR USE - PUBLIC			62.094	0.682
	FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA			63.594	0.699
185	E LA STATE HOSP	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	3.536	0.039
223	SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
249	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	15.414	0.169
254	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.427	0.060
259	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	28.403	0.312
260 B	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.396	0.048
302	EF WATER SYSTEM	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	32.135	0.353
305	SLAUGHTER	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	14.233	0.156

XR01-12

PUMPAGE FROM WATER WELLS IN EAST FELICIANA BY AQUIFER BY USE
04/17 THRU 06/17

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Page 2 of 2

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
	FOR USE - PUBLIC			103.544	1.138

	FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA			103.544	1.138
73 B	CLINTON	CATAHOULA FORMATION	PUBLIC	8.207	0.090
248	EF WATER SYSTEM	CATAHOULA FORMATION	PUBLIC	6.983	0.077
251	CLINTON	CATAHOULA FORMATION	PUBLIC	11.670	0.128
257	EF WATER SYSTEM	CATAHOULA FORMATION	PUBLIC	0.000	0.000
277 A	EF WATER SYSTEM	CATAHOULA FORMATION	PUBLIC	0.000	0.000
285	EF WW DIST 7	CATAHOULA FORMATION	PUBLIC	27.890	0.306
297	EF WW DIST 7	CATAHOULA FORMATION	PUBLIC	0.000	0.000
	FOR USE - PUBLIC			54.750	0.602
	FOR AQUIFER - CATAHOULA FORMATION			54.750	0.602
	REPORT TOTAL			235.042	2.583

Pointe Coupee First Quarter

XR01-11

PUMPAGE FROM WATER WELLS IN POINTE COUPEE BY OWNER BY AQUIFER
01/17 THRU 03/17

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Page 1 of 3

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
203	FALSE RIVER W W	1700-FOOT SAND OF BATON ROUGE AREA	17.573	0.193
	FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA		17.573	0.193
152	FALSE RIVER W W	2400-FOOT SAND OF BATON ROUGE AREA	13.406	0.147
	FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA		13.406	0.147
	FOR OWNER - FALSE RIVER W W		30.979	0.340
151	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	2.351	0.026
282	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
378	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	9.091	0.100
	FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA		11.442	0.126
	FOR OWNER - FORDOCHE		11.442	0.126
162	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	13.350	0.147
163	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	8.506	0.093
288	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	17.154	0.189
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		39.010	0.429
	FOR OWNER - LA GENERATING		39.010	0.429
180	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
181	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
245	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	60.798	0.668

		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	60.798	0.668
		FOR OWNER - LA GENERATING2	60.798	0.668
276	LIVONIA	1500-FOOT SAND OF BATON ROUGE AREA	6.504	0.071
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	6.504	0.071
349	LIVONIA	2000-FOOT SAND OF BATON ROUGE AREA	11.722	0.129
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	11.722	0.129
		FOR OWNER - LIVONIA	18.226	0.200
59	M&S WTR SUPPLY	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
328	M&S WTR SUPPLY	2400-FOOT SAND OF BATON ROUGE AREA	4.050	0.045

XR01-11 PUMPAGE FROM WATER WELLS IN POINTE COUPEE BY OWNER BY AQUIFER
01/17 THRU 03/17

Printed 10/18/2017 11:41:42 AM

Page 2 of 3

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	4.050	0.045
122	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
131	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
166	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	1.350	0.015
214	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
257	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	2.700	0.030
262	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	4.050	0.045
		FOR OWNER - M&S WTR SUPPLY	8.100	0.089
69	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	6.266	0.069
150	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
301	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	6.266	0.069
		FOR OWNER - MORGANZA	6.266	0.069
65	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	10.800	0.119
170	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	32.580	0.358
321	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	17.280	0.190
364	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	16.860	0.185
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	77.520	0.852
		FOR OWNER - NEW ROADS	77.520	0.852

268	PC WW DIST 1	1500-FOOT SAND OF BATON ROUGE AREA	5.400	0.059
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	5.400	0.059
176	PC WW DIST 1	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
215	PC WW DIST 1	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
267	PC WW DIST 1	2800-FOOT SAND OF BATON ROUGE AREA	11.500	0.126
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	11.500	0.126

XR01-11 PUMPAGE FROM WATER WELLS IN POINTE COUPEE BY OWNER BY AQUIFER
01/17 THRU 03/17

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Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR OWNER - PC WW DIST 1	16.900	0.186
280	PC WW DIST 2	1500-1700-FOOT SAND OF THE BATON ROUGE	0.000	0.000
		FOR AQUIFER - 1500-1700-FOOT SAND OF THE BATON ROUGE AREA	0.000	0.000
334 B	PC WW DIST 2	1700-FOOT SAND OF BATON ROUGE AREA	5.950	0.065
388	PC WW DIST 2	1700-FOOT SAND OF BATON ROUGE AREA	8.100	0.089
		FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA	14.050	0.154
292 B	PC WW DIST 2	2000-FOOT SAND OF BATON ROUGE AREA	3.600	0.040
342 B	PC WW DIST 2	2000-FOOT SAND OF BATON ROUGE AREA	4.000	0.044
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	7.600	0.084
293 C	PC WW DIST 2	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
366	PC WW DIST 2	2800-FOOT SAND OF BATON ROUGE AREA	4.550	0.050
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	4.550	0.050
		FOR OWNER - PC WW DIST 2	26.200	0.288
REPORT TOTAL			295.441	3.247

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
162	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	13.350	0.147
163	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	8.506	0.093
180	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.000	0.000
181	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.000	0.000
245	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	60.798	0.668
288	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	17.154	0.189
FOR USE - POWER GEN				99.808	1.097
FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA				99.808	1.097
268	PC WW DIST 1	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.400	0.059
276	LIVONIA	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.504	0.071
FOR USE - PUBLIC				11.904	0.131
FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA				11.904	0.131
280	PC WW DIST 2	1500-1700-FOOT SAND OF THE BATON ROUGE	PUBLIC	0.000	0.000
FOR USE - PUBLIC				0.000	0.000
FOR AQUIFER - 1500-1700-FOOT SAND OF THE BATON ROUGE AREA				0.000	0.000
151	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.351	0.026
203	FALSE RIVER W W	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	17.573	0.193
282	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
334 B	PC WW DIST 2	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.950	0.065
378	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	9.091	0.100
388	PC WW DIST 2	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	8.100	0.089
FOR USE - PUBLIC				43.065	0.473
FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA				43.065	0.473
176	PC WW DIST 1	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
292 B	PC WW DIST 2	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	3.600	0.040
342 B	PC WW DIST 2	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.000	0.044
349	LIVONIA	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	11.722	0.129
FOR USE - PUBLIC				19.322	0.212
FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA				19.322	0.212
59	M&S WTR SUPPLY	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
152	FALSE RIVER W W	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	13.406	0.147

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
215	PC WW DIST 1	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
293 C	PC WW DIST 2	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
328	M&S WTR SUPPLY	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.050	0.045
FOR USE - PUBLIC				17.456	0.192
FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA				17.456	0.192
65	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	10.800	0.119
69	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	6.266	0.069
122	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
131	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
150	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
166	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.350	0.015
170	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	32.580	0.358
214	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
257	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.700	0.030
262	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
267	PC WW DIST 1	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	11.500	0.126
301	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
321	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	17.280	0.190
364	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	16.860	0.185
366	PC WW DIST 2	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.550	0.050
FOR USE - PUBLIC				103.886	1.142
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA				103.886	1.142
REPORT TOTAL				295.441	3.247

Pointe Coupee Second Quarter

XR01-11

PUMPAGE FROM WATER WELLS IN POINTE COUPEE BY OWNER BY AQUIFER
04/17 THRU 06/17

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Page 1 of 3

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
203	FALSE RIVER W W	1700-FOOT SAND OF BATON ROUGE AREA	16.786	0.184
	FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA		16.786	0.184
152	FALSE RIVER W W	2400-FOOT SAND OF BATON ROUGE AREA	15.457	0.170
	FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA		15.457	0.170
	FOR OWNER - FALSE RIVER W W		32.243	0.354
151	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	7.412	0.081
282	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
378	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	6.269	0.069
	FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA		13.681	0.150
	FOR OWNER - FORDOCHE		13.681	0.150
162	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	21.718	0.239
163	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	11.933	0.131
288	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	12.586	0.138
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		46.237	0.508
	FOR OWNER - LA GENERATING		46.237	0.508
180	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	22.483	0.247
181	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	6.481	0.071
245	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	26.208	0.288
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		55.172	0.606
	FOR OWNER - LA GENERATING2		55.172	0.606
276	LIVONIA	1500-FOOT SAND OF BATON ROUGE AREA	9.331	0.103
	FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA		9.331	0.103
349	LIVONIA	2000-FOOT SAND OF BATON ROUGE AREA	7.284	0.080
	FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA		7.284	0.080
	FOR OWNER - LIVONIA		16.615	0.183
59	M&S WTR SUPPLY	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
328	M&S WTR SUPPLY	2400-FOOT SAND OF BATON ROUGE AREA	4.050	0.045

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	4.050	0.045
122	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
131	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
166	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	1.350	0.015
214	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
257	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	2.700	0.030
262	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	4.050	0.045
		FOR OWNER - M&S WTR SUPPLY	8.100	0.089
69	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	5.661	0.062
150	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
301	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	5.661	0.062
		FOR OWNER - MORGANZA	5.661	0.062
65	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	10.800	0.119
170	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	42.540	0.467
321	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	18.720	0.206
364	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	16.080	0.177
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	88.140	0.969
		FOR OWNER - NEW ROADS	88.140	0.969
268	PC WW DIST 1	1500-FOOT SAND OF BATON ROUGE AREA	15.600	0.171
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	15.600	0.171
176	PC WW DIST 1	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
215	PC WW DIST 1	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
267	PC WW DIST 1	2800-FOOT SAND OF BATON ROUGE AREA	12.400	0.136
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	12.400	0.136

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR OWNER - PC WW DIST 1	28.000	0.308
280	PC WW DIST 2	1500-1700-FOOT SAND OF THE BATON ROUGE	0.000	0.000
		FOR AQUIFER - 1500-1700-FOOT SAND OF THE BATON ROUGE AREA	0.000	0.000
334 B	PC WW DIST 2	1700-FOOT SAND OF BATON ROUGE AREA	8.200	0.090
388	PC WW DIST 2	1700-FOOT SAND OF BATON ROUGE AREA	8.800	0.097
		FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA	17.000	0.187
292 B	PC WW DIST 2	2000-FOOT SAND OF BATON ROUGE AREA	6.000	0.066
342 B	PC WW DIST 2	2000-FOOT SAND OF BATON ROUGE AREA	4.800	0.053
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	10.800	0.119
293 C	PC WW DIST 2	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
366	PC WW DIST 2	2800-FOOT SAND OF BATON ROUGE AREA	5.600	0.062
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	5.600	0.062
		FOR OWNER - PC WW DIST 2	33.400	0.367
REPORT TOTAL			327.249	3.596

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
162	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	21.718	0.239
163	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	11.933	0.131
180	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	22.483	0.247
181	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	6.481	0.071
245	LA GENERATING2	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	26.208	0.288
288	LA GENERATING	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	12.586	0.138
		FOR USE - POWER GEN		101.409	1.114
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		101.409	1.114
268	PC WW DIST 1	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	15.600	0.171
276	LIVONIA	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	9.331	0.103

				FOR USE - PUBLIC	24.931	0.274
				FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	24.931	0.274
280	PC WW DIST 2	1500-1700-FOOT SAND OF THE BATON ROUGE	PUBLIC		0.000	0.000
				FOR USE - PUBLIC	0.000	0.000
				FOR AQUIFER - 1500-1700-FOOT SAND OF THE BATON ROUGE AREA	0.000	0.000
151	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC		7.412	0.081
203	FALSE RIVER W W	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC		16.786	0.184
282	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC		0.000	0.000
334 B	PC WW DIST 2	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC		8.200	0.090
378	FORDOCHE	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC		6.269	0.069
388	PC WW DIST 2	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC		8.800	0.097
				FOR USE - PUBLIC	47.467	0.522
				FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA	47.467	0.522
176	PC WW DIST 1	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC		0.000	0.000
292 B	PC WW DIST 2	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC		6.000	0.066
342 B	PC WW DIST 2	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC		4.800	0.053
349	LIVONIA	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC		7.284	0.080
				FOR USE - PUBLIC	18.084	0.199
				FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	18.084	0.199
59	M&S WTR SUPPLY	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC		0.000	0.000
152	FALSE RIVER W W	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC		15.457	0.170

XR01-12

PUMPAGE FROM WATER WELLS IN POINTE COUPEE BY AQUIFER BY USE
04/17 THRU 06/17

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Page 2 of 2

Well Number	Owner's Name	Aquifer	Use	Pumpage		
				Total (Mill. Gal.)	Daily (MGD)	
215	PC WW DIST 1	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000	
293 C	PC WW DIST 2	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000	
328	M&S WTR SUPPLY	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	4.050	0.045	
				FOR USE - PUBLIC	19.507	0.214
				FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	19.507	0.214
65	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	10.800	0.119	
69	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.661	0.062	
122	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000	
131	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000	
150	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000	
166	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	1.350	0.015	
170	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	42.540	0.467	
214	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000	

257	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.700	0.030
262	M&S WTR SUPPLY	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
267	PC WW DIST 1	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	12.400	0.136
301	MORGANZA	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
321	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	18.720	0.206
364	NEW ROADS	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	16.080	0.177
366	PC WW DIST 2	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	5.600	0.062
FOR USE - PUBLIC				115.851	1.273
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA				115.851	1.273
REPORT TOTAL				327.249	3.596

West Baton Rouge Parish First Quarter

XR01-11

PUMPAGE FROM WATER WELLS IN WEST BATON ROUGE BY OWNER BY AQUIFER

01/17 THRU 03/17

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Page 1 of 2

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
181	BR PORT COMM	1700-FOOT SAND OF BATON ROUGE AREA	10.484	0.115
	FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA		10.484	0.115
	FOR OWNER - BR PORT COMM		10.484	0.115
38	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	6.570	0.072
44	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	6.570	0.072
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		13.140	0.144
	FOR OWNER - EXXON U.S.A.		13.140	0.144
112	PLAQUEMINE	1500-FOOT SAND OF BATON ROUGE AREA	49.384	0.543
113	PLAQUEMINE	1500-FOOT SAND OF BATON ROUGE AREA	49.383	0.543
	FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA		98.767	1.085
111	PLAQUEMINE	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
	FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA		0.000	0.000
	FOR OWNER - PLAQUEMINE		98.767	1.085
110	PORT ALLEN	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
207	PORT ALLEN	1200-FOOT SAND OF BATON ROUGE AREA	19.025	0.209
221	PORT ALLEN	1200-FOOT SAND OF BATON ROUGE AREA	24.976	0.274
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		44.001	0.484
	FOR OWNER - PORT ALLEN		44.001	0.484
152	WBR GAS AND WTR	800-FOOT SAND OF BATON ROUGE AREA	62.576	0.688
218	WBR GAS AND WTR	800-FOOT SAND OF BATON ROUGE AREA	62.576	0.688
	FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA		125.152	1.375
150	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	62.576	0.688
164	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	9.392	0.103
209	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	62.576	0.688
219	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	62.576	0.688
	FOR AQUIFER - 1000-FOOT SAND OF BATON ROUGE AREA		197.120	2.166
136	WBR GAS AND WTR	1200-FOOT SAND OF BATON ROUGE AREA	27.995	0.308
137	WBR GAS AND WTR	1200-FOOT SAND OF BATON ROUGE AREA	12.317	0.135

XR01-11

PUMPAGE FROM WATER WELLS IN WEST BATON ROUGE BY OWNER BY AQUIFER
01/17 THRU 03/17

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Page 2 of 2

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA			40.312	0.443
173	WBR GAS AND WTR	1500-FOOT SAND OF BATON ROUGE AREA	119.446	1.313
176	WBR GAS AND WTR	1500-FOOT SAND OF BATON ROUGE AREA	19.956	0.219
177	WBR GAS AND WTR	1500-FOOT SAND OF BATON ROUGE AREA	19.957	0.219
FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA			159.359	1.751
139	WBR GAS AND WTR	1700-FOOT SAND OF BATON ROUGE AREA	2.322	0.026
220	WBR GAS AND WTR	1700-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA			2.322	0.026
FOR OWNER - WBR GAS AND WTR			524.265	5.761
REPORT TOTAL			690.657	7.590

XR01-12

PUMPAGE FROM WATER WELLS IN WEST BATON ROUGE BY AQUIFER BY USE
01/17 THRU 03/17

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Page 1 of 2

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
152	WBR GAS AND WTR	800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	62.576	0.688
218	WBR GAS AND WTR	800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	62.576	0.688
FOR USE - PUBLIC				125.152	1.375
FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA				125.152	1.375
150	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	62.576	0.688
164	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	9.392	0.103
209	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	62.576	0.688
219	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	62.576	0.688
FOR USE - PUBLIC				197.120	2.166
FOR AQUIFER - 1000-FOOT SAND OF BATON ROUGE AREA				197.120	2.166
38	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	6.570	0.072
44	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	6.570	0.072
FOR USE - INDUSTRIAL				13.140	0.144
110	PORT ALLEN	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
136	WBR GAS AND WTR	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	27.995	0.308
137	WBR GAS AND WTR	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	12.317	0.135
207	PORT ALLEN	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	19.025	0.209
221	PORT ALLEN	1200-FOOT SAND OF BATON ROUGE AREA	PUBLIC	24.976	0.274

	FOR USE - PUBLIC			84.313	0.927
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA			97.453	1.071
112	PLAQUEMINE	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	49.384	0.543
113	PLAQUEMINE	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	49.383	0.543
173	WBR GAS AND WTR	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	119.446	1.313
176	WBR GAS AND WTR	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	19.956	0.219
177	WBR GAS AND WTR	1500-FOOT SAND OF BATON ROUGE AREA	PUBLIC	19.957	0.219

FOR USE - PUBLIC 258.126 2.837

FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA 258.126 2.837

181	BR PORT COMM	1700-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	10.484	0.115
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FOR USE - INDUSTRIAL 10.484 0.115

139	WBR GAS AND WTR	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	2.322	0.026
220	WBR GAS AND WTR	1700-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000

XR01-12 PUMPAGE FROM WATER WELLS IN WEST BATON ROUGE BY AQUIFER BY USE
01/17 THRU 03/17

Printed 10/18/2017 11:45:08 AM

Page 2 of 2

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
	FOR USE - PUBLIC			2.322	0.026
	FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA			12.806	0.141
111	PLAQUEMINE	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
	FOR USE - PUBLIC			0.000	0.000
	FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA			0.000	0.000
REPORT TOTAL				690.657	7.590

West Baton Rouge Parish Second Quarter

XR01-11

PUMPAGE FROM WATER WELLS IN WEST BATON ROUGE BY OWNER BY AQUIFER
04/17 THRU 06/17

Printed 10/17/2017 2:55:45 PM

Page 1 of 2

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
181	BR PORT COMM	1700-FOOT SAND OF BATON ROUGE AREA	7.029	0.077
	FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA		7.029	0.077
	FOR OWNER - BR PORT COMM		7.029	0.077
38	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	6.570	0.072
44	EXXON U.S.A.	1200-FOOT SAND OF BATON ROUGE AREA	6.570	0.072
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		13.140	0.144
	FOR OWNER - EXXON U.S.A.		13.140	0.144
112	PLAQUEMINE	1500-FOOT SAND OF BATON ROUGE AREA	49.383	0.543
113	PLAQUEMINE	1500-FOOT SAND OF BATON ROUGE AREA	49.383	0.543
	FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA		98.766	1.085
111	PLAQUEMINE	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
	FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA		0.000	0.000
	FOR OWNER - PLAQUEMINE		98.766	1.085
110	PORT ALLEN	1200-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
207	PORT ALLEN	1200-FOOT SAND OF BATON ROUGE AREA	20.777	0.228
221	PORT ALLEN	1200-FOOT SAND OF BATON ROUGE AREA	26.660	0.293
	FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		47.437	0.521
	FOR OWNER - PORT ALLEN		47.437	0.521
152	WBR GAS AND WTR	800-FOOT SAND OF BATON ROUGE AREA	57.874	0.636
218	WBR GAS AND WTR	800-FOOT SAND OF BATON ROUGE AREA	57.874	0.636
	FOR AQUIFER - 800-FOOT SAND OF BATON ROUGE AREA		115.748	1.272
150	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	57.874	0.636
164	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	9.360	0.103
209	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	57.874	0.636
219	WBR GAS AND WTR	1000-FOOT SAND OF BATON ROUGE AREA	57.874	0.636
	FOR AQUIFER - 1000-FOOT SAND OF BATON ROUGE AREA		182.982	2.011
136	WBR GAS AND WTR	1200-FOOT SAND OF BATON ROUGE AREA	26.823	0.295
137	WBR GAS AND WTR	1200-FOOT SAND OF BATON ROUGE AREA	9.652	0.106

XR01-11

PUMPAGE FROM WATER WELLS IN WEST BATON ROUGE BY OWNER BY AQUIFER
04/17 THRU 06/17

Printed 10/17/2017 2:55:45 PM

Page 2 of 2

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	36.475	0.401
173	WBR GAS AND WTR	1500-FOOT SAND OF BATON ROUGE AREA	123.907	1.362
176	WBR GAS AND WTR	1500-FOOT SAND OF BATON ROUGE AREA	19.848	0.218
177	WBR GAS AND WTR	1500-FOOT SAND OF BATON ROUGE AREA	19.850	0.218
		FOR AQUIFER - 1500-FOOT SAND OF BATON ROUGE AREA	163.605	1.798
139	WBR GAS AND WTR	1700-FOOT SAND OF BATON ROUGE AREA	2.441	0.027
220	WBR GAS AND WTR	1700-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
		FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA	2.441	0.027
		FOR OWNER - WBR GAS AND WTR	501.251	5.508
REPORT TOTAL			667.623	7.337

XR01-12

PUMPAGE FROM WATER WELLS IN WEST BATON ROUGE BY AQUIFER BY USE
04/17 THRU 06/17

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Page 2 of 2

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
			FOR USE - PUBLIC	2.441	0.027
			FOR AQUIFER - 1700-FOOT SAND OF BATON ROUGE AREA	9.470	0.104
111	PLAQUEMINE	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
			FOR USE - PUBLIC	0.000	0.000
			FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
REPORT TOTAL				667.623	7.337

West Feliciana Parish First Quarter

XR01-11

PUMPAGE FROM WATER WELLS IN WEST FELICIANA BY OWNER BY AQUIFER
01/17 THRU 03/17

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Page 1 of 2

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
256	ENTERGY	UPLAND TERRACE DEPOSITS	0.071	0.001
	FOR AQUIFER -	UPLAND TERRACE DEPOSITS	0.071	0.001
266	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	0.049	0.001
	FOR AQUIFER -	1200-FOOT SAND OF BATON ROUGE AREA	0.049	0.001
246	ENTERGY	2800-FOOT SAND OF BATON ROUGE AREA	1.345	0.015
257	ENTERGY	2800-FOOT SAND OF BATON ROUGE AREA	0.785	0.009
	FOR AQUIFER -	2800-FOOT SAND OF BATON ROUGE AREA	2.130	0.023
	FOR OWNER -	ENTERGY	2.250	0.025
63	HOOD CONTAINER	2000-FOOT SAND OF BATON ROUGE AREA	9.966	0.110
	FOR AQUIFER -	2000-FOOT SAND OF BATON ROUGE AREA	9.966	0.110
50	HOOD CONTAINER	2400-FOOT SAND OF BATON ROUGE AREA	9.973	0.110
	FOR AQUIFER -	2400-FOOT SAND OF BATON ROUGE AREA	9.973	0.110
48	HOOD CONTAINER	2800-FOOT SAND OF BATON ROUGE AREA	29.907	0.329
215	HOOD CONTAINER	2800-FOOT SAND OF BATON ROUGE AREA	29.907	0.329
	FOR AQUIFER -	2800-FOOT SAND OF BATON ROUGE AREA	59.814	0.657
	FOR OWNER -	HOOD CONTAINER	79.753	0.876
228	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
229	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
272	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	79.389	0.872
299	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
311	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	69.624	0.765
315	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	60.491	0.665
	FOR AQUIFER -	2000-FOOT SAND OF BATON ROUGE AREA	209.504	2.302
	FOR OWNER -	LA STATE PRISON	209.504	2.302
222	ST FRANCISVILLE	2400-FOOT SAND OF BATON ROUGE AREA	13.127	0.144
	FOR AQUIFER -	2400-FOOT SAND OF BATON ROUGE AREA	13.127	0.144
235	ST FRANCISVILLE	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
270	ST FRANCISVILLE	2800-FOOT SAND OF BATON ROUGE AREA	23.577	0.259

XR01-11

PUMPAGE FROM WATER WELLS IN WEST FELICIANA BY OWNER BY AQUIFER
01/17 THRU 03/17

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Page 2 of 2

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	23.577	0.259
		FOR OWNER - ST FRANCISVILLE	36.704	0.403
291	WEST FEL WD 13	2000-FOOT SAND OF BATON ROUGE AREA	31.937	0.351
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	31.937	0.351
259	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	11.241	0.124
264	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	14.811	0.163
265	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
286	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	39.346	0.432
292	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	10.119	0.111
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	75.517	0.830
274	WEST FEL WD 13	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
290	WEST FEL WD 13	2800-FOOT SAND OF BATON ROUGE AREA	26.917	0.296
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	26.917	0.296
		FOR OWNER - WEST FEL WD 13	134.371	1.477
REPORT TOTAL			462.582	5.083

XR01-12

PUMPAGE FROM WATER WELLS IN WEST FELICIANA BY AQUIFER BY USE
01/17 THRU 03/17

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Page 1 of 2

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
256	ENTERGY	UPLAND TERRACE DEPOSITS	POWER GEN	0.071	0.001
		FOR USE - POWER GEN		0.071	0.001
		FOR AQUIFER - UPLAND TERRACE DEPOSITS		0.071	0.001
266	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.049	0.001
		FOR USE - POWER GEN		0.049	0.001
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		0.049	0.001
63	HOOD CONTAINER	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	9.966	0.110

FOR USE - INDUSTRIAL				9.966	0.110
228	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
229	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
272	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	79.389	0.872
291	WEST FEL WD 13	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	31.937	0.351
299	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
311	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	69.624	0.765
315	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	60.491	0.665

FOR USE - PUBLIC 241.441 2.653

FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA 251.407 2.763

50	HOOD CONTAINER	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	9.973	0.110
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FOR USE - INDUSTRIAL 9.973 0.110

222	ST FRANCISVILLE	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	13.127	0.144
259	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	11.241	0.124
264	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	14.811	0.163
265	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
286	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	39.346	0.432
292	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	10.119	0.111

FOR USE - PUBLIC 88.644 0.974

FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA 98.617 1.084

48	HOOD CONTAINER	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	29.907	0.329
215	HOOD CONTAINER	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	29.907	0.329

XR01-12 PUMPAGE FROM WATER WELLS IN WEST FELICIANA BY AQUIFER BY USE
01/17 THRU 03/17

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Page 2 of 2

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
FOR USE - INDUSTRIAL				59.814	0.657
246	ENTERGY	2800-FOOT SAND OF BATON ROUGE AREA	POWER GEN	1.345	0.015
257	ENTERGY	2800-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.785	0.009
FOR USE - POWER GEN				2.130	0.023
235	ST FRANCISVILLE	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
270	ST FRANCISVILLE	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	23.577	0.259
274	WEST FEL WD 13	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
290	WEST FEL WD 13	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	26.917	0.296
FOR USE - PUBLIC				50.494	0.555
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA				112.438	1.236
REPORT TOTAL				462.582	5.083

West Feliciana Parish Second Quarter

XR01-11

PUMPAGE FROM WATER WELLS IN WEST FELICIANA BY OWNER BY AQUIFER
04/17 THRU 06/17

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Page 1 of 2

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
256	ENTERGY	UPLAND TERRACE DEPOSITS	0.062	0.001
		FOR AQUIFER - UPLAND TERRACE DEPOSITS	0.062	0.001
266	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	0.089	0.001
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA	0.089	0.001
246	ENTERGY	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
257	ENTERGY	2800-FOOT SAND OF BATON ROUGE AREA	3.349	0.037
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	3.349	0.037
		FOR OWNER - ENTERGY	3.500	0.038
63	HOOD CONTAINER	2000-FOOT SAND OF BATON ROUGE AREA	10.019	0.110
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	10.019	0.110
50	HOOD CONTAINER	2400-FOOT SAND OF BATON ROUGE AREA	10.020	0.110
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	10.020	0.110
48	HOOD CONTAINER	2800-FOOT SAND OF BATON ROUGE AREA	30.065	0.330
215	HOOD CONTAINER	2800-FOOT SAND OF BATON ROUGE AREA	30.065	0.330
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	60.130	0.661
		FOR OWNER - HOOD CONTAINER	80.169	0.881
228	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
229	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
272	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	69.860	0.768
299	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
311	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	93.469	1.027
315	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	65.475	0.720
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	228.804	2.514
		FOR OWNER - LA STATE PRISON	228.804	2.514
222	ST FRANCISVILLE	2400-FOOT SAND OF BATON ROUGE AREA	13.373	0.147
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	13.373	0.147
235	ST FRANCISVILLE	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
270	ST FRANCISVILLE	2800-FOOT SAND OF BATON ROUGE AREA	17.050	0.187

XR01-11

PUMPAGE FROM WATER WELLS IN WEST FELICIANA BY OWNER BY AQUIFER
04/17 THRU 06/17

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Page 2 of 2

Well Number	Owner's Name	Aquifer	Pumpage	
			Total (Mill. Gal.)	Daily (MGD)
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	17.050	0.187
		FOR OWNER - ST FRANCISVILLE	30.423	0.334
291	WEST FEL WD 13	2000-FOOT SAND OF BATON ROUGE AREA	22.024	0.242
		FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA	22.024	0.242
259	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	33.632	0.370
264	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	15.682	0.172
265	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
286	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	24.072	0.265
292	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	16.019	0.176
		FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA	89.405	0.982
274	WEST FEL WD 13	2800-FOOT SAND OF BATON ROUGE AREA	0.000	0.000
290	WEST FEL WD 13	2800-FOOT SAND OF BATON ROUGE AREA	26.649	0.293
		FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA	26.649	0.293
		FOR OWNER - WEST FEL WD 13	138.078	1.517
REPORT TOTAL			480.974	5.285

XR01-12

PUMPAGE FROM WATER WELLS IN WEST FELICIANA BY AQUIFER BY USE
04/17 THRU 06/17

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Page 1 of 2

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
256	ENTERGY	UPLAND TERRACE DEPOSITS	POWER GEN	0.062	0.001
		FOR USE - POWER GEN		0.062	0.001
		FOR AQUIFER - UPLAND TERRACE DEPOSITS		0.062	0.001
266	ENTERGY	1200-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.089	0.001
		FOR USE - POWER GEN		0.089	0.001
		FOR AQUIFER - 1200-FOOT SAND OF BATON ROUGE AREA		0.089	0.001
63	HOOD CONTAINER	2000-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	10.019	0.110
		FOR USE - INDUSTRIAL		10.019	0.110

228	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
229	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
272	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	69.860	0.768
291	WEST FEL WD 13	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	22.024	0.242
299	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
311	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	93.469	1.027
315	LA STATE PRISON	2000-FOOT SAND OF BATON ROUGE AREA	PUBLIC	65.475	0.720

FOR USE - PUBLIC 250.828 2.756

FOR AQUIFER - 2000-FOOT SAND OF BATON ROUGE AREA 260.847 2.866

50	HOOD CONTAINER	2400-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	10.020	0.110
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FOR USE - INDUSTRIAL 10.020 0.110

222	ST FRANCISVILLE	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	13.373	0.147
259	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	33.632	0.370
264	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	15.682	0.172
265	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
286	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	24.072	0.265
292	WEST FEL WD 13	2400-FOOT SAND OF BATON ROUGE AREA	PUBLIC	16.019	0.176

FOR USE - PUBLIC 102.778 1.129

FOR AQUIFER - 2400-FOOT SAND OF BATON ROUGE AREA 112.798 1.240

48	HOOD CONTAINER	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	30.065	0.330
215	HOOD CONTAINER	2800-FOOT SAND OF BATON ROUGE AREA	INDUSTRIAL	30.065	0.330

XR01-12 PUMPAGE FROM WATER WELLS IN WEST FELICIANA BY AQUIFER BY USE
04/17 THRU 06/17

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Page 2 of 2

Well Number	Owner's Name	Aquifer	Use	Pumpage	
				Total (Mill. Gal.)	Daily (MGD)
FOR USE - INDUSTRIAL				60.130	0.661
246	ENTERGY	2800-FOOT SAND OF BATON ROUGE AREA	POWER GEN	0.000	0.000
257	ENTERGY	2800-FOOT SAND OF BATON ROUGE AREA	POWER GEN	3.349	0.037
FOR USE - POWER GEN				3.349	0.037
235	ST FRANCISVILLE	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
270	ST FRANCISVILLE	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	17.050	0.187
274	WEST FEL WD 13	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	0.000	0.000
290	WEST FEL WD 13	2800-FOOT SAND OF BATON ROUGE AREA	PUBLIC	26.649	0.293
FOR USE - PUBLIC				43.699	0.480
FOR AQUIFER - 2800-FOOT SAND OF BATON ROUGE AREA				107.178	1.178
REPORT TOTAL				480.974	5.285

√ 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	1st/2017	2nd/2017		USER
PUMPAGE USER	AMOUNT	AMOUNT		TOTAL
Air Products	\$ 864.34	\$ 1,009.51		\$ 1,873.85
Albemarle Corp.	\$ -	\$ -		\$ -
Audubon Park Homes	\$ 9.28	\$ 20.05		\$ 29.33
Baker, City of	\$ 1,309.21	\$ 1,068.37		\$ 2,377.58
BASF	\$ 41.03	\$ 56.81		\$ 97.84
Baton Rouge CC	\$ 53.86	\$ 52.50		\$ 106.36
Baton Rouge Water Co.	\$ 46,423.99	\$ 48,252.29		\$ 94,676.28
Clean Harbors	\$ 10.25	\$ 9.64		\$ 19.89
Clinton, Town of	\$ 235.47	\$ 198.78		\$ 434.25
Copolymer	\$ 1,973.64	\$ -		\$ 1,973.64
Country Club of La.	\$ 194.40	\$ 194.40		\$ 388.80
Deltech Corp.	\$ 852.30	\$ 861.77		\$ 1,714.07
Dixon Correctional	\$ 290.13	\$ 243.86		\$ 533.99
EF Water District 7	\$ 254.73	\$ 278.90		\$ 533.63
EF Water System	\$ 960.15	\$ 927.58		\$ 1,887.73
E. La. State Hospital	\$ 165.05	\$ 176.06		\$ 341.11
EcoServices	\$ 4,342.61	\$ 3,792.53		\$ 8,135.14
Entergy	\$ 6,867.00	\$ 6,615.00		\$ 13,482.00
Entergy-River Bend	\$ 21.80	\$ 34.39		\$ 56.19
Exide	\$ 72.94	\$ 47.16		\$ 120.10
Exxon (BRPO)	\$ 3,535.94	\$ 3,876.93		\$ 7,412.87
Exxon Company USA	\$ 18,004.56	\$ 19,378.60		\$ 37,383.16
False River Water	\$ 309.79	\$ 322.43		\$ 632.22
Fordoche, Town of	\$ 114.42	\$ 136.81		\$ 251.23
Formosa Plastics	\$ 157.25	\$ 157.25		\$ 314.50
Georgia Pacific	\$ 21,693.58	\$ 22,896.72		\$ 44,590.30
Greater B.R. Port Comm	\$ 104.84	\$ 70.29		\$ 175.13
Gulf Coast Coca-Cola	\$ 249.00	\$ 473.59		\$ 722.59
Honeywell	\$ 1,002.62	\$ 1,079.77		\$ 2,082.39
Hood Containter	\$ 797.53	\$ 801.69		\$ 1,599.22
Jackson, Town of	\$ 192.00	\$ 188.04		\$ 380.04
Livonia, Town of	\$ 182.26	\$ 166.15		\$ 348.41

Louisiana Generating	\$ 998.08	\$ 1,014.09	\$ 2,012.17
La. State Penitentiary	\$ 2,095.04	\$ 2,288.04	\$ 4,383.08
La. War Veteran's	\$ 13.11	\$ 12.98	\$ 26.09
Legacy at Bonne Esp	\$ -	\$ -	\$ -
M&S Water Supply	\$ 81.00	\$ 81.00	\$ 162.00
Morganza, Village of	\$ 62.68	\$ 56.61	\$ 119.29
New Roads, Town of	\$ 775.20	\$ 881.40	\$ 1,656.60
Norwood, Village of	\$ 32.96	\$ 34.87	\$ 67.83
NPC Services	\$ 0.30	\$ 0.27	\$ 0.57
Oxbow	\$ 669.60	\$ 669.60	\$ 1,339.20
Parish Water Co.	\$ 8,909.18	\$ 9,692.50	\$ 18,601.68
Pennington Biomedical	\$ 27.67	\$ 30.62	\$ 58.29
Plaquemine, City of	\$ 987.67	\$ 987.69	\$ 1,975.36
P.C. Water District 1	\$ 169.00	\$ 280.00	\$ 449.00
P.C. Water District 2	\$ 262.00	\$ 334.00	\$ 596.00
Port Allen, Town of	\$ 440.01	\$ 474.37	\$ 914.38
St. Francisville, Town of	\$ 367.04	\$ 304.23	\$ 671.27
Slaughter, Town of	\$ 158.68	\$ 142.33	\$ 301.01
Southern Ionics	\$ 31.85	\$ 31.85	\$ 63.70
UOP LLC	\$ 1,307.29	\$ 1,416.28	\$ 2,723.57
Villa Feliciana (E.La.)	\$ 33.22	\$ 44.40	\$ 77.62
Watco Companies	\$ 15.00	\$ 15.00	\$ 30.00
Wilson, Village of	\$ 72.29	\$ 72.63	\$ 144.92
WBR Natural Gas&Wtr.	\$ 5,242.65	\$ 5,012.51	\$ 10,255.16
WF District #13	\$ 1,343.81	\$ 1,380.78	\$ 2,724.59
Williams	\$ 30.00	\$ 30.00	\$ 60.00
Zachary, Town of	\$ 2,037.77	\$ 2,206.23	\$ 4,244.00
TOTAL	\$ 137,449.07	\$ 140,882.15	\$ 278,331.22

√ 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.

Baton Rouge Water Company has been granted a permit to drill a Public Supply well in East Baton Rouge Parish into the “2,000-ft” sand. It is anticipated that the well will produce 1,150 GPM or approximately 1.7 MGD.

√ 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 reports during the last six months on wells being plugged and abandoned. We have experienced difficulty collecting this information ever since the Water Well Driller Licensing and Water Well Registration programs (which includes the plugging and abandonment of water wells) were transferred from DOTD to the Office of Conservation. Where previously there was a free flow of information from DOTD, the Office of Conservation seems to rely on the “check our website approach.” The District would appreciate it if information on wells plugged and abandoned was a little more forthcoming.

- ____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.

The City of Plaquemine (Iberville Parish) operates two wells (121-112 and 121-113) 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:

First Quarter 2017

Well Number	Pumpage (in million gallons)
121-111	49.384
121-112	49.383

Second Quarter 2017

Well Number	Pumpage (in million gallons)
121-111	49.384
121-112	49.383

The District has contacted Baton Rouge Water Company (BRWC) concerning groundwater being pumped “out-of-district” to Ascension and Iberville Parishes. As of the date of this report BRWC has refused to provide this information. The District is considering legal remedies to rectify this situation. When this information is received an amended report will be submitted.

____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.*

Please bear in mind that the District collects information on the amount of water pumped by the Industrial and Public Supply sectors. Industrial usage can be obtained in the reports found in response to Item “K” above. 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.

The District has received the following information concerning the requested breakdown of groundwater usage. You will notice that the information provided is incomplete. We have contacted all users in the district concerning this new data requirement. We have not received replies from the following permitted users (when this information is received an amended report will be submitted):

<u>East Baton Rouge Parish</u>	<u>West Baton Rouge Parish</u>	<u>West Feliciana Parish</u>
City of Baker City of Zachary	City of Port Allen	West Feliciana WD 13
<u>East Feliciana</u>	<u>Pointe Coupee Parish</u>	
Town of Clinton Town of Jackson Town of Slaughter Village of Wilson East Feliciana WW District 7	False River Water Works Town of Fardoche Town of Livonia Village of Morganza M&S Water Supply City of New Roads Pointe Coupee WW District 1 Pointe Coupee WW District 2	

East Feliciana Rural Water

Volume of Ground Water Sales-2017
(in gallons)

Month	Residential	Public Entity	Commercial / Industrial	Total Volume of Sales
January	27,064,000	505,600	3,529,100	31,098,700
February	21,121,400	600,600	2,623,700	24,345,700
March	18,269,800	522,100	2,474,900	21,266,800
April	21,694,900	392,200	3,339,700	25,426,800
May	20,357,000	337,400	2,766,500	23,460,900
June	23,920,800	558,600	3,070,700	27,550,100

Baton Rouge Water Company

BRWCO

Month	Residential	Public Auth.	Commercial	Total Volume of Sales
Jan	808,602,960	199,758,896	321,364,736	1,329,726,592
Feb	729,457,828	191,538,732	302,358,804	1,223,355,364
Mar	691,476,632	182,975,900	291,008,652	1,165,461,184
April	723,345,920	203,338,992	305,132,388	1,231,817,300
May	744,435,032	192,044,324	317,469,900	1,253,949,256
June	775,717,888	190,071,988	335,452,568	1,301,242,444

PWCO

Month	Residential	Public Auth.	Commercial	Total Volume of Sales
Jan	225,220,556	9,198,904	45,673,628	280,093,088
Feb	195,366,380	7,592,200	48,644,684	251,603,264
Mar	186,851,148	7,307,960	44,403,524	238,562,632
April	201,081,848	6,936,204	47,609,452	255,627,504
May	202,246,484	6,345,284	49,649,248	258,241,016
June	204,763,504	6,813,532	45,305,612	256,882,648

City of Plaquemine

Volume of Ground Water Sales-2017
(in gallons)

Month	Residential	Public Entity	Commercial / Industrial	Total Volume of Sales
January	89,695.60	320.52	23,238.05	113,254.17
February	86,689.60	308.42	22,501.90	109,399.92
March	83,491.70	329.33	23,166.50	106,987.53
April	86,461.10	130.64	23,519.95	110,111.69
May	83,265.50	207.22	24,530.90	107,994.62
June	88,509.05	789.28	24,505.75	113,804.08

Village of Norwood Water Supply System

Volume of Ground Water Sales-2017
(in gallons)

Month	Residential	Commercial / Industrial	Total Volume of Sales
January	677,730	43,470	721,200
February	806,620	27,200	833,820
March	747,980	38,620	786,600
April	567,890	40,100	607,990
May	686,020	31,170	717,190
June	816,100	64,690	880,790

Town of St. Francisville Water Supply System

Volume of Ground Water Sales-2017
(in gallons)

Month	Residential	Commercial / Industrial	Total Volume of Sales
January	39,039	33,677	72,716
February	29,591	27,637	57,228
March	31,203	32,013	63,216
April	41,707	30,454	72,161
May	39,014	48,536	87,550
June	33,833	37,770	71,603

West Baton Rouge Parish

Volume of Ground Water Sales-2017
(in gallons)

Month	Residential	Commercial	Industrial	Total
January	54,097,250	32,868,010	81,947,740	168,913,000
February	49,366,490	33,269,570	80,184,940	162,821,000
March	54,797,070	37,238,950	100,494,980	192,531,000
April	46,780,160	32,032,180	70,152,660	148,965,000
May	52,739,370	33,681,770	85,985,860	172,407,000
June	45,862,060	43,937,270	90,579,670	180,379,000