



# Capital Area Ground Water Conservation District



## Watching out for A Treasured Earth Resource

*Dedicated to the conservation, orderly development and protection  
of quality of ground water in the Capital Area*

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NEWSLETTER

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## Commission Votes to Sample Two BRWC Wells

The Capital Area Groundwater Conservation Commission voted to spend \$44,100 to sample two of Baton Rouge Water Company's water wells in the "2,000-foot" sand as part of the Commission's plans to pursue installation of a saltwater scavenger well system to help slow down northward movement of saltwater in that sand. The wells, Lafayette Well #15 and Convention Well #2, are about a mile apart. Work should take two weeks per well and includes:

- Mobilize Layne Pump Service Rig, Forman and Crew to Water Well. Pull vertical turbine bowl assembly and 350' of 811 X 1-11/16" column assembly; transport to Layne Pump Maintenance Facility;
- Set temporary submersible pumping equipment rated for 500 GPM to approximate depth 300' bgs;
- Mobilize Logger with fluid conductivity tool/gamma Log to Well; run Logging tool to bottom of well; energize pump; measure production at surface with orifice while flowing to waste; record data while raising Logging tool past top of screen; de-energize submersible pump; pull fluid connectivity/ gamma logging tool out of well;
- Lower Spinner Log in well to bottom of well screen; energize pump; pull Spinner Log up-hole to record production screen; de-energize pump; pull spinner Log and submersible
- Re-install BRWC pumping equipment in well; chlorinate well; return well to service following clear health sample;



## Best Super Bowl Commercial Wasn't Selling Anything

If you stayed glued to the television as the fourth quarter of this year's "Big Game" dragged on you were treated to one of the most important messages ever presented to a "captive" audience. Colgate toothpaste aired its first Super Bowl ad, and it had little to do with oral care. The 30-second spot titled "Save Water" focused on the millions of gallons of water people waste by leaving the tap running while brushing their teeth.

The ad was an adaptation of a 60-second ad originally created by Y&R Peru for the brand in Latin America last year. It dovetails with Colgate's #EveryDropCounts social-media campaign aiming to point out that Americans on average waste 4 gallons of water per day by leaving the faucet running while brushing their teeth.

The commercial can be seen at the campaign's website:

<http://everydropcounts.colgate.com>

## Woodlawn High students raise money to install clean water well in Africa

Students at Woodlawn High are attempting to make a difference for their counterparts in Africa.

A few weeks ago, these students began raising money by selling bracelets, with money going to build a water well for a community in Africa.

Through this and other fundraising efforts, they were able to raise a grand total of \$6,600.

"It's going to help them find clean water, cause whenever they do have water they have to walk miles just to get it," says Woodlawn High senior Ryan Williams. "And people are abused and raped on the way to get the water. They have children doing it, and just all these other things that as Christians we shouldn't stand for. So came up to us with the idea of making a water well. We were like, that's an awesome idea."

Woodlawn students say the water well will be built near a school and training center for young adults.

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## Tenth Annual Louisiana Groundwater, Surface Water and Water Resources Symposium Held at LSU

The Louisiana Geological Survey & Louisiana Water Resources Research Institute recently held their annual groundwater symposium on March 24&25, 2016, at the Dalton Woods Auditorium, Energy, Coast, & Environmental Building on the campus of Louisiana State University, Baton Rouge, Louisiana.

There were some thirty-nine presentations, including a number of particular interest to the Capital Area:

- Spatial variations in groundwater chemistry, Southern Hills aquifer system – a three-dimensional view
- Simulation of groundwater flow and chloride transport in the "2,000-foot" sand of the Baton Rouge Area, Louisiana, with scenarios to mitigate saltwater migration
- Conjunctive use of surface water and groundwater for northern Louisiana under climate change projection uncertainty
- Observations regarding the hydrogeology of the Baton Rouge "2000-foot sand"
- Baton Rouge groundwater model development
- A Case History of Use and Management of the Baton Rouge Fresh Water Aquifer System

- Basic water resource information made easy—avoiding overload and underload: water resource fact sheets for each of Louisiana’s parishes
- Comprehensively Thinking: Progress in Louisiana Water Law & Policy
- An update on addressing saltwater intrusion in the “2,000-ft sand in the Baton Rouge area: Looking toward the future
- Westward Ho! Thoughts on Proposed Diversions of Mississippi River Water
- Current Status of Interstate Water Supply Diversion from the Lower Mississippi River

## CURRENT WATER RESOURCE BILLS IN THE LOUISIANA LEGISLATURE THAT AFFECT CAPITAL AREA

HB 424 Bishop – Extends the cooperative endeavor program for use of the state’s surface water resources.

HB 526 R. Carter – Requires permits for industrial users of groundwater that withdraw greater than 100,000 gallons a day.

HB 527 R. Carter – Prohibits the withdrawal of water from a natural and scenic river for the purpose of hydraulic fracturing.

HB 528 R. Carter – Prohibits the withdrawal of water from a natural and scenic river or ground water for the purpose of hydraulic fracturing.

HB 553 Marcelle – Designates East Baton Rouge, West Baton Rouge, East Feliciana, West Feliciana, and Pointe Coupee as a critical area of groundwater concern and provides for limits on membership on certain governing bodies and restrictions on groundwater use in critical areas.

HB 823 Hunter – Requires enforcement of the secondary drinking water standards established by the U. S. Environmental Protection Agency.

HB 154 Montoucet – Limits the power of the Public Service Commission to regulate nonprofit water utility cooperatives wholly owned by water users.

SB 140 Walsworth – Creates Office of Environmental Assessment within the Department of Environmental Quality which shall provide for environmental air quality assessment, water quality assessment, and technology and shall administer all remediation services and such duties as delegated by the secretar

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