

Monday, Oct. 10, 2016

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Barton Springs/Edwards Aquifer Conservation District

EP Aquifer Test Approved

Aquifer tests are an essential part of the District's permitting process. The Board and staff rely heavily on results of these tests to inform permit volumes and conditions.

In the spring, Electro Purification (EP) submitted a test well application to allow them to perform an aquifer test on three wells. District staff worked with EP to design and plan an aquifer test that meets [District guidelines](#). The aquifer test will measure responses to abbreviated pumping simulations from the target pumping zone (Middle Trinity--Cow Creek Formation) in surrounding Upper, Middle, and Lower Trinity wells ([generalized stratigraphic column showing aquifers and associated formations](#)). The aquifer test is a collaborative effort between the District and EP and will take two to three months to complete.

Synopsis of aquifer test activities:

EP contractors will convert the Odell 1 well into a Lower Glen Rose monitor well. They will plug the bottom portion of the well to seal off the Cow Creek formation, so water level monitoring in the Middle Trinity above the target pumping zone can be monitored. Then EP contractors will develop and install temporary well completions in the three test wells that allow pumping to be isolated to the target pumping zone. They will develop and test Bridges 1 then move to Bridges 2, then Odell 2. During the development and testing, EP contractors and District staff will be sampling water quality and water levels. EP contractors are responsible for monitoring/sampling wells on EP leases. District staff are coordinating with surrounding well owners to monitor/sample additional monitor well sites. As agreed with EP, District staff will be at the well site to observe key well development and testing activities.

In anticipation of community interest and information requests and to make the aquifer test more transparent to the groundwater community, the District (with EP's support) has created a [Permit Notice: EP Aquifer Test](#) web page with the following the following information:

- Review process overview for EP test well application
- Timeline of key application dates
- Discussion of well development/aquifer testing procedures
- Frequently Asked Questions
- EP's approved aquifer test plan

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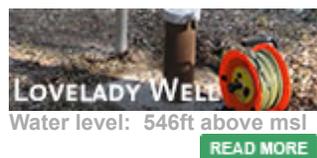
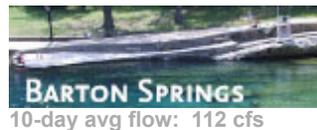
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Current Drought Stage: NO DROUGHT

The District uses two drought triggers to manage pumping and coordinate conservation.



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Permit update

Texas Commission on Environmental Quality (TCEQ) published notice of the Dripping Springs application and preliminary decision for TPDES permit for municipal wastewater. They also set the date and location for the public meeting. The District submitted supplemental comments on the Dripping Springs draft permit to TCEQ shortly after notice was published.

A map of the proposed Dripping Springs TPDES locations, District documents (such as the supplemental comments), and Dripping Springs reference documents can be found on the [Dripping Springs Wastewater Discharge Spotlight](#) on the District homepage.

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Rainwater Revival: Nov. 5, 10am-4pm



Saturday, November 5th will be the seventh annual Rainwater Revival! The District has been a long-time sponsor of this event that brings rainwater harvesting experts together with homeowners, builders, and water conservation experts together under one roof (that fills many a rainwater tank).

Stop by the District booth to find out more about how Trinity well water, Edwards well water, and rain water compare. Ask questions about your well, local geology, or aquifer dynamics. We're excited to support this fantastic event!

Join us November 5, 2016 at the Dripping Springs Ranch Park from 10 am to 4 pm in Dripping Springs for a full day of fun, education and celebration! Open to the public and free to attend.

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Barton Springs University recap

Over 800 high school students attended the second annual [Barton Springs University](#) on Wednesday, September 28, 2016. Students got to attend lectures, participate in field labs, and swim at Barton Springs. District staff gave several presentations and hosted a water quality lab highlighting the use of field parameters (pH and conductivity) as a way to help identify source waters (comparing Barton Springs water to an Edwards well, Trinity well, Colorado River, rain water and Austin tap water samples).

The District is in the process of augmenting it's teaching resources web page. Check here for groundwater-related [Videos](#), [Activities](#), and [Resource Kits](#). We'd love your feedback. If you're looking for something in particular, email Robin Gary (rhgary@bseacd.org).

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Upcoming Events, Meetings, & Deadlines

Thurs., Oct. 6: **BSEACD Board Meeting** ([details](#))

Thurs., Oct. 20: **BSEACD Board Meeting**

Tues., Nov. 1: **Permittee Meter Readings Due** ([details](#))



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Thurs., Nov. 17: **BSEACD Board Meeting**
Thurs., Dec. 1: **Permittee Meter Readings Due** ([details](#))
Thurs., Dec. 15: **BSEACD Board Meeting**

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