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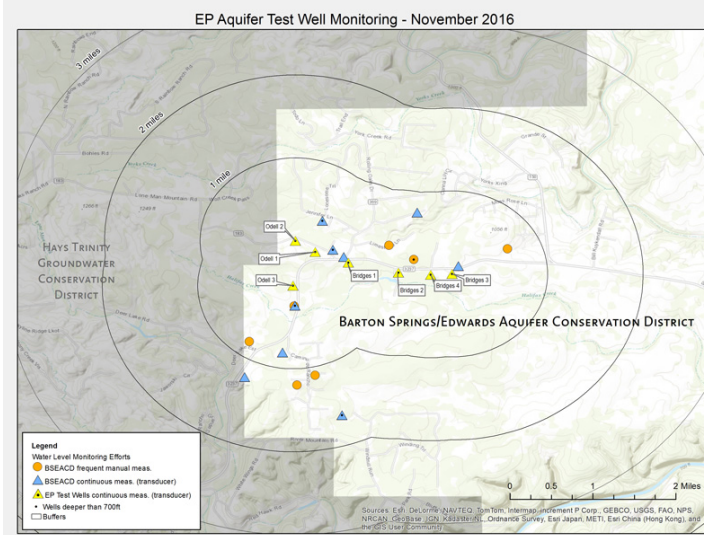
Tuesday, November 13, 2016



Barton Springs/Edwards Aquifer Conservation District

EP Aquifer Test Update

The Electro Purification (EP) aquifer test began in October and will likely finish in the coming weeks. EP contractors, District staff, and the Edwards Aquifer Authority (EAA) staff are coordinating testing activities and monitoring efforts. 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.



Synopsis of aquifer test activities:

EP converted the Odell 1 well into a Lower Glen Rose monitor well.

They have developed and pumped Bridges 2 and Bridges 1 for five and seven days, respectively. While the aquifer test is ongoing, water levels at over 20 sites are either frequently or continuously monitored. Water quality is sampled regularly at the pumping well and a subset of the monitor wells.

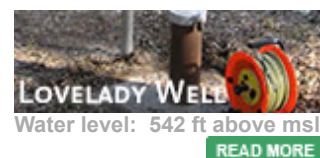
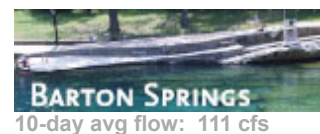
Currently, the Odell 2 well is being developed and prepared for testing, and contractors are working on removing the test equipment and pump assembly from Bridges 1. As they were bringing up the pump assembly, the column pipe separated, so they are using downhole video and specialized tools to retrieve the remaining equipment. Ultimately, if the equipment is in working condition, it will be installed at the Odell 2 well site. District staff is in contact with EP contractors and have been verifying activities at the well sites. Similar to the other pump tests, the Odell 2 well will be developed then pumped for about 5 days. The contractor is taking precautions that the water does not run off the property. Water level measurements will be made frequently during the test.

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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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to make the aquifer test more transparent to the groundwater community, the District (with EP's support) posts updates on a [EP Aquifer Test Spotlight](#) page.

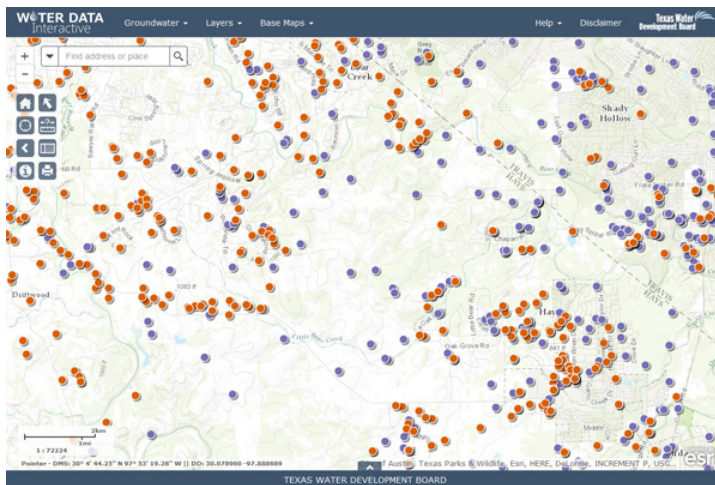
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SH 45 Project Oversight

Key Aquifer District staff have gone through required training to be able to access the project site for environmental inspections. We understand that contractors are currently working on preliminary clearing (brush clearing) from the Bliss Spillar area towards Bear Creek. While preliminary clearing continues toward Bear Creek, the Environmental Compliance Manager from Hicks and Company and the Karst Geology Specialist from Zara Environmental will be inspecting the area for environmental features. The District will be notified of the findings.

Once an area has been inspected, larger equipment will come in for secondary clearing (tree clearing) of the area. The Bliss Spillar to Bear Creek area encompasses the first phase of construction, which is intended to be cleared before the beginning of the bird nesting season (spring). District technical staff will be on-site to observe activities at key points during the clearing phase.

TWDB Well Drillers Reports Online



In 2003, the Texas Department of Licensing and Regulation began requiring well drillers to submit well logs online. Well driller reports document well construction, depth, and oftentimes pump depth—all useful information for well owners. The Texas Water Development Board serves those data through an interactive web map called Water Data Interactive.

Both Submitted Well Drillers Reports (since 2003) and water quality results submitted to the TWDB can be accessed through the interactive map. An address locator makes it easy to check well records near a particular address.

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Lovelady Monitor Well Water Levels

A wet 2016 produced long periods of recharge that resulted in the second highest water level elevation for the District's Edwards Aquifer drought index well—the Lovelady Monitor Well. Water levels peaked on 10/5/2016 at 545.8 ft-msl second to the 547.2 ft-

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Permit Application Notifications

If you are interested in being notified of administratively complete permit applications, please provide our office administrator with your email to add to the email group, Tammy Raymond tammy@bseacd.org . You can also visit our [Permit Notices](#) page on our website for notices and information related to permit applications in the Tier 3 category (> 200,000,000 gallons per year).

For information on other permits in the Tier 1 (2,000,000-12,000,000 gallons per year) & Tier 2 (12,000,000-200,000,000 categories) please check the [agenda backup materials](#) page. Tier 1 and Tier 2 permit requests are noticed in local newspapers, to an email group, and will go before the Board for approval.

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Upcoming Events, Meetings, & Deadlines

Thurs., Dec. 15: **BSEACD Board Meeting** ([details](#))
Dec. 23-27: **Office closed for Christmas**
Sun., Jan. 1: **Permittee Meter Readings Due** ([details](#))
Mon. Jan. 2: **Office closed for New Years Day**
Thurs. Jan. 12: **BSEACD Board Meeting**
Mon. Jan. 16: **Office closed for MLK Day**
Thurs. Jan. 26: **BSEACD Board Meeting**

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