

Groundwater Workshop

Cypress Creek Watershed Protection Plan

Wednesday, April 19, 2023

Wimberley Community Center, Blanco Room

Agenda (presentation times & presenter order tentative):

11:00 Introductions, Welcome, and Purpose of the Workshop (Robin Gary, Watershed Association and Jenna Walker, Meadows Center)

11:15 Interpreting Data from Springs and Groundwater Monitoring Networks (Marcus Gary, Edwards Aquifer Authority)

- Overview of groundwater dynamics
- Assessing drought impacts on groundwater in western Hays County and implications downstream (and downdip—in groundwater systems)
- How does spring flow relate to the groundwater level in my well?

11:45 Coordinated Groundwater Management Tools (Charlie Flatten, Hays Trinity Groundwater Conservation District)

- Rolls/Relationships: the groundwater conservation district, private/domestic well owners, large-scale and Commercial Well Owners
- Groundwater: a shared resource
- Tools for coordinating conservation during drought (monitoring network, drought declarations, information)

12:15 Tips, Tricks, and Troubleshooting for Water Supply Wells During Drought (Robin Gary from input from well drillers and pump servicers)

- Finding information on your well
- Drought and impacts to groundwater wells
- Well components overview (pump saver, pressure tank, storage tank, water softener, filters, UV lights)
- Optimizing your well system (how to check for leaks, regular maintenance)

12:45 Workshop Wrap up

1-2pm Water Sample Screening, and Drillers Log Search (staff at stations)

- If interested in **well water screening**, participants can fill a clean bottle (Ozarka or reusable water bottle are fine) with water from the closest water faucet to the well head. Staff will have equipment available to screen well samples for conductivity (which can estimate total dissolved solids) and is useful in estimating the source aquifer for wells.
- If interested in **locating a drillers log**, participants are encouraged to look up the original house and/or well owner's last name (often show on County appraisal records under the History section: <https://esearch.hayscad.com/>) prior to the workshop.