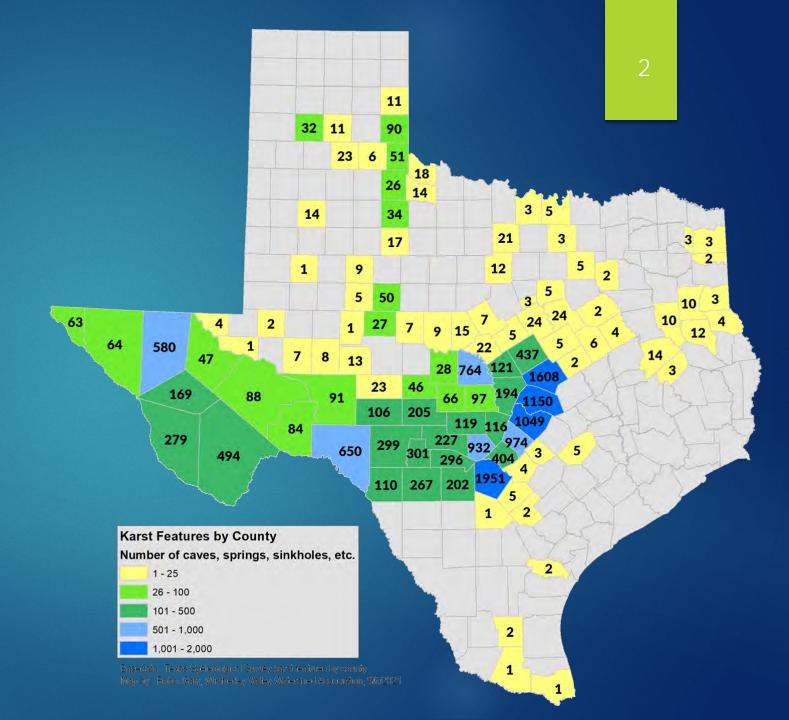
## 60+ Wells Report

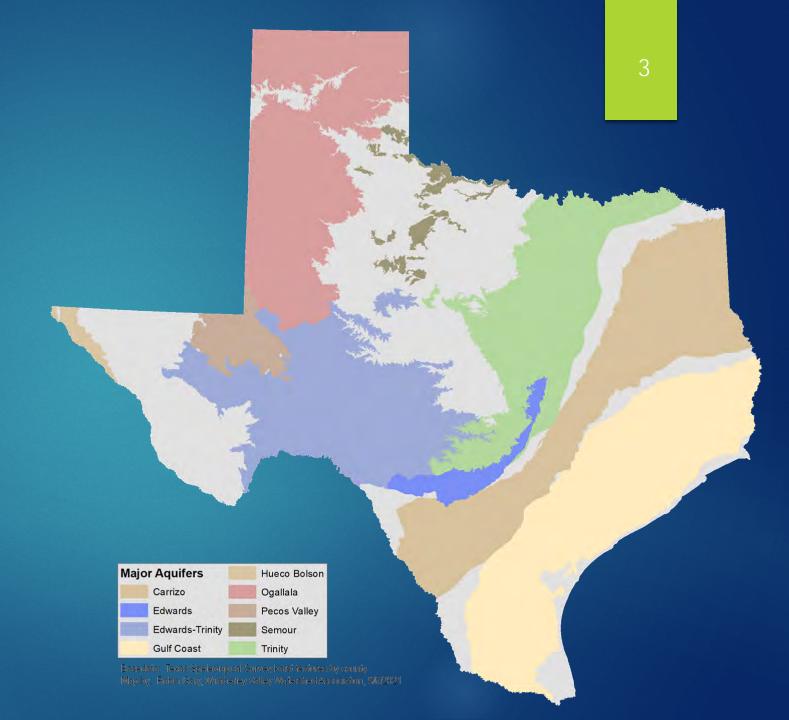
KARST AND HILL COUNTRY WELLS
INITIAL RESULTS FROM THE NEIGHBORHOOD SITE VISITS

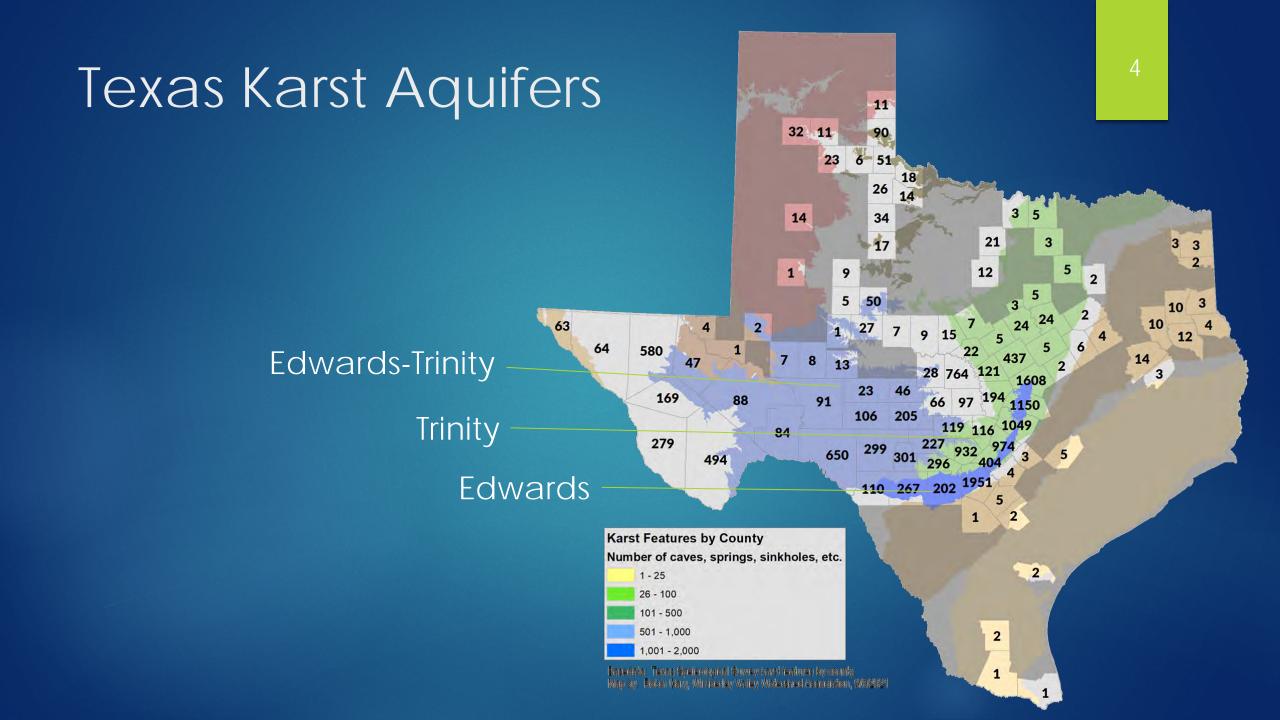
Robin Gary
Wimberley Valley Watershed Association robingary@wimberleywatershed.org





## Texas Aquifers











## Find out more at Karst 101 at <a href="https://www.WimberleyWatershed.org/karst">www.WimberleyWatershed.org/karst</a>







Or take a hike at a Karst Walk near you! Blue Hole Regional Park is hosting the Karst Walk all September.



WWW.WIMBERLEYWATERSHED.ORG/KARST

# Neighborhood Site Visits Trinity Aquifers

- Free
- Water level measurement
- Basic water chemistry
- Nitrate/nitrite screening
- Collaboration between:
  - Wimberley Valley Watershed Association
  - Comal Trinity Groundwater Conservation District
  - Hays Trinity Groundwater Conservation District.

#### 2021 Well Owner Neighborhood Site Visits July & August 2021

www.WimberleyWatershed.org/SiteVisits

#### Dear Well Owner.

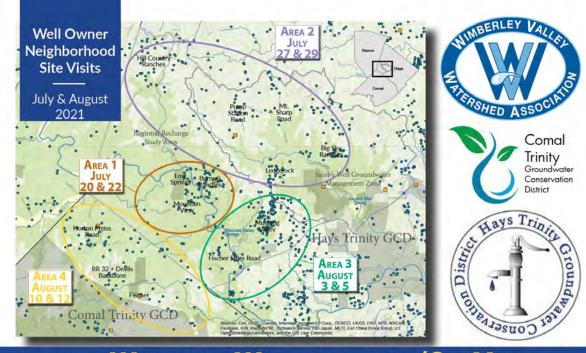
Free water-level and water-quality screening site visits are scheduled in your area. This year's program is a collaboration between the Wimberley Valley Watershed Association, Hays Trinity GCD, and Comal Trinity GCD and will provide free site visits for water-well owners. The four areas include:

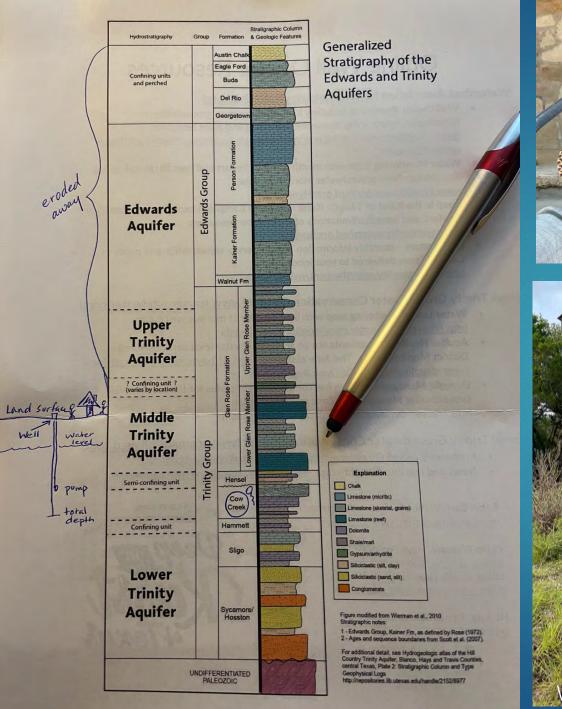
Burnett Ranches, Mountain View, Lost Springs (Jul. 20 & 22) Hill Country Ranches, Ledgerock, Pump Station (Jul. 27 & 29) Mustang Valley, Fischer Store Road (Aug. 3 & 5) Fischer, RR32, Devils Backbone, Horton Preiss (Jul. 21 & 28)

Sign-up: www.WimberleyWatershed.org/SiteVisits

During visits, staff will take a water-level measurement (if possible), and measure basic water quality. Spots are limited. Details and sign-up online.









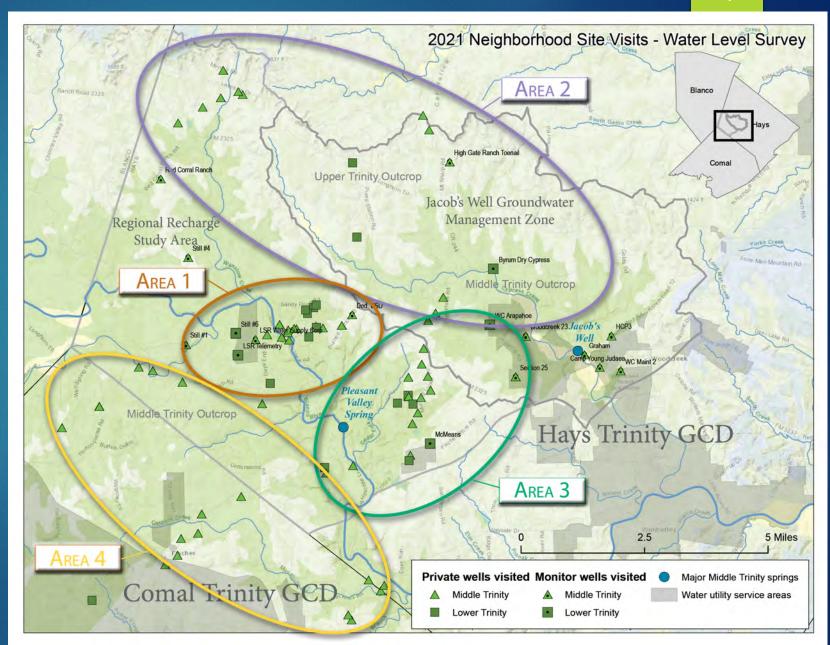






4 weeks68 private wells17 monitor wells

61 Middle Trinity21 Lower Trinity



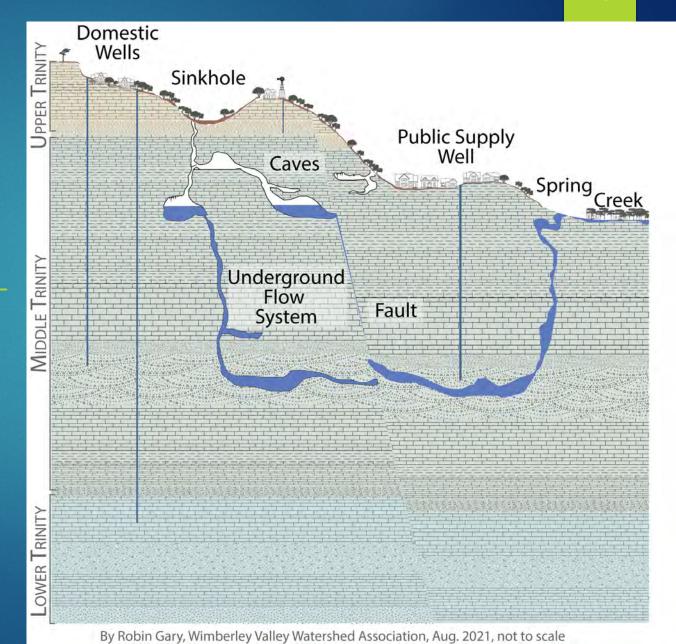
## Middle Trinity Wells

- Open flow system
- Rapid recharge
- Springs indicator of conditions
- Well Depths: 148' 540'
- Depth to water: 54' 370'
- ► TDS: **230 966 ppm**
- Nitrate (highest): 5 ppm

## **Lower Trinity Wells**

- Closed flow system
- Fewer number of wells
- Need additional monitoring sites
- Well Depths: 385' 730'
- Depth to water: 127' 374'
- ► TDS: **1,217 3,851 ppm**
- Nitrate (highest): 1 ppm

## Observations



## Why does this matter?

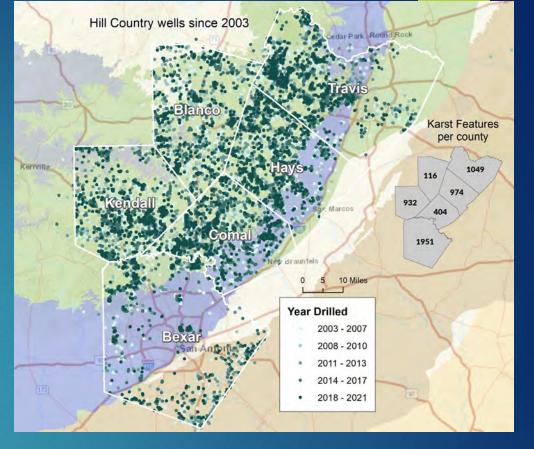
### Challenges

- Drought
- Population increases
- Springs, creeks, rivers and water supplies are connected

## Wells drilled each year

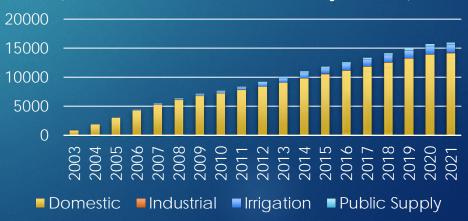
(Kendall, Blanco, Bexar, Comal, Hays & Travis)





#### Wells since 2003

(Kendall, Blanco, Bexar, Comal, Hays & Travis)



#### **Opportunities**

- Good policy needs good science.
- Science needs to be accessible to be meaningful.
- Good stewardship goes a long way.
- Karst rocks!

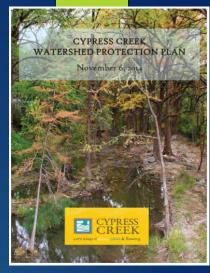
## Thank You!

Well owners &



WimberleyWatershed.org/SiteVisits







WVWA - TESPA EDUCATION CAMPAIGN

