

S E P T E M B E R 2 9 , 2 0 1 7

Watershed Week in Review

Llano River Watershed Alliance
and
Llano River Field Station

Meet Genghis Khan, the Desert Dog



Genghis Khan doesn't know it yet, but he is about to go on an adventure of a lifetime. His owner, Ace Kvale, is about to set out for a 60-day backpacking trip in Utah's Canyon Country.

Ace and the Desert Dog will be one of eight short films coming to Mason on October 12th as part of the Wild and Scenic Film Festival, sponsored in part by the Llano River Watershed Alliance.

see page 4

Workshop
Rescheduled
November 14
8:30 am-12:30 pm



The Texas Well Owner Network Workshop scheduled for October 3 at the Llano River Field Station has been **rescheduled for November 14th from 8:30am-12:30pm**

Texas Well Owner Network will be offering screening of your well water for *E. Coli* bacteria, nitrates and total dissolved solids for \$10.

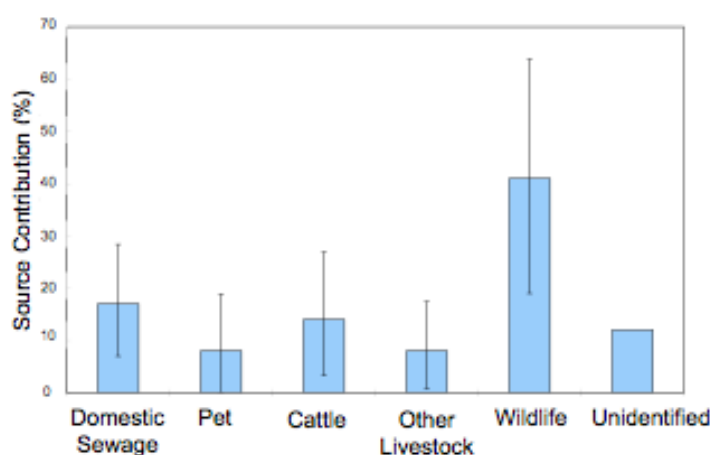
Bacteria...where does it come from?

*We continue to share tidbits from the recent **Lone Star Healthy Streams Workshop** at the Llano River Field Station...*

Last week: We learned what bacteria is... This week: Where does it come from?

The source of bacteria can be determined through a process known as Bacterial Source Tracking, or BST

Results of BST in the Leon River



Bacteria have their own genetic identity; BST uses this identity to identify the likely source of the bacteria.

Oftentimes, the general public assumes that much of the bacteria come from livestock. But as we learned in the Lone Star Healthy Streams Workshop earlier this month, that is not necessarily the case.

In fact, in most rural watersheds in the state, such as the Leon River, the main source of bacteria is from wildlife. Although BST has not been done for the Llano – it is an expensive process – the results are likely to be the same, especially with our large populations of white tail, axis, and feral hogs

A different kind of Record Book

Japanese Fish Printing

Saturday, September 30th, 10:00 am - 11:00 am

Held at the Acorn Blind

(down the path from the restrooms, between campsites 39 and 41)

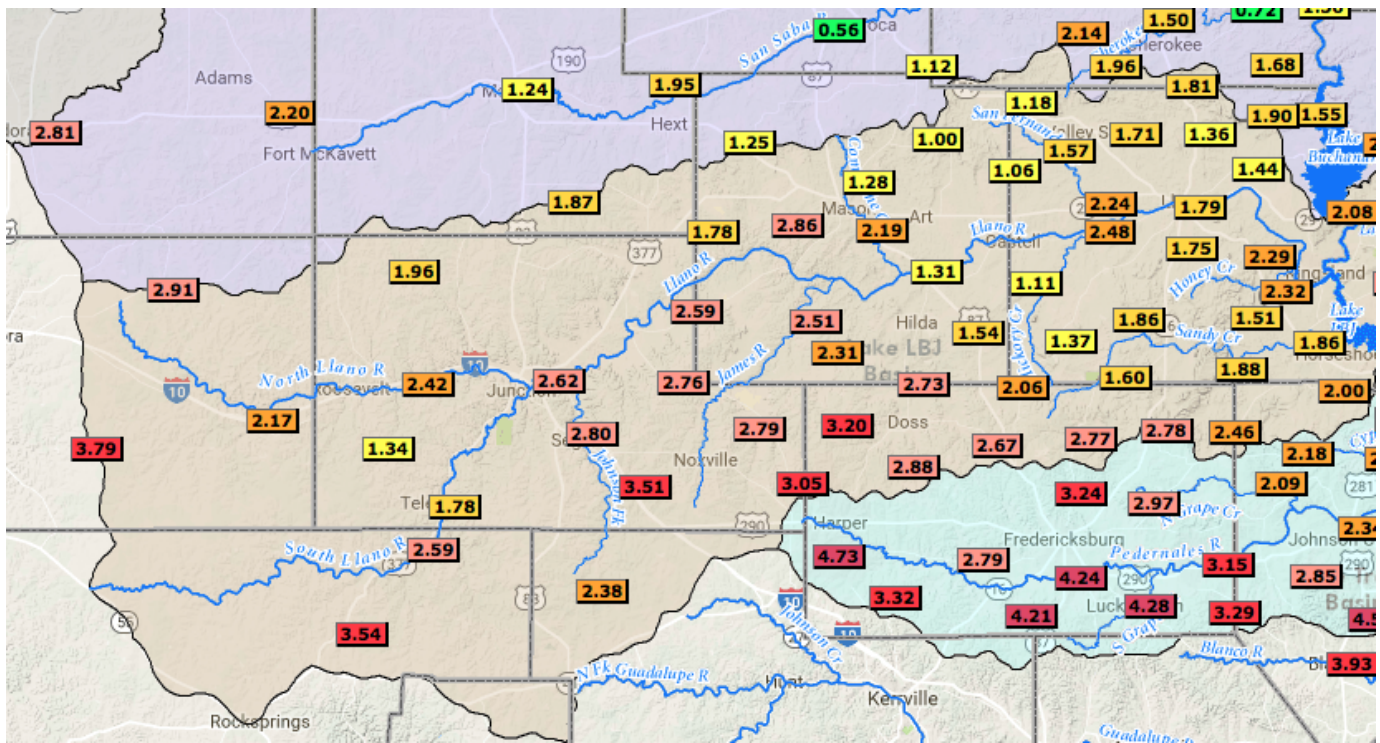
Try your hand at the ancient art of Gyotaku, a method that Japanese fishermen used to record their catch! Plastic fish, rice paper, and all different colors of ink will be provided. All ages welcome!

Children must be accompanied by an adult.



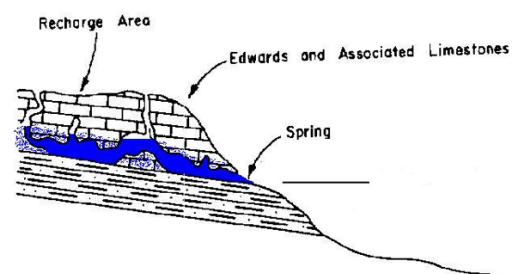
By J.G. Wang

Some much needed recharge



It wasn't the six inches that was originally predicted – that amount fell around Uvalde – but the Edwards Plateau did see over three inches of rain in parts of the Llano Watershed. Rainfall falling over the limestone of the Edwards Plateau has longer lasting benefit than rain falling over the granitic type rocks found in the lower watershed.

Rainfall over the Edwards Plateau has a better chance to find cracks and crevasses in the limestone (see diagram), especially in areas where good land stewardship slows down the runoff. Once the water enters the limestone, it makes its way down to the Edwards-Trinity Aquifer and eventually appears as springflow in streams such as the Llano. The granite-type rocks in the lower watershed offer fewer cracks and crevices to intercept the rainfall and consequently do not store very much water or have major aquifers.



b. Edwards-Trinity (Plateau)

Due to the increases in spring flow resulting from this rain event, we should expect the Llano and its tributaries to experience increased flows over a longer period of time compared to other recent rainfall events that happened lower in the watershed and produced more flashy runoff.



WILD & SCENIC® FILM FESTIVAL

WHERE ACTIVISM GETS INSPIRED

*October 12
Odeon Theater, Mason*

Film Selection:

[Ace and the Desert Dog](#)
[Bringing Back the Brooks](#)

[Elk River](#)

[One Hundred Thousand Beating](#)

[Hearts](#)

[Plastico](#)

*Razing Cane, Controlling Invasive
Arundo Cane*

[Sagebrush Sisters](#)

[Selah](#)

Hill Country Alliance, in partnership with the Llano River Watershed Alliance, Upper Guadalupe River Authority, Odeon Preservation Association and numerous local sponsors will return the Wild & Scenic Film Festival to Mason next month. Admission is \$5.

This year's films take us on an incredible journey with elk across mountain tops, follow three intrepid women (ages 65 to 80) as they follow the pronghorn antelope migration, and let us learn about local efforts to remove Giant Cane from Hill Country Rivers...just to name a few!

[More info...](#)

Oktoberfish returning to Junction October 20-22

Our friends and sponsors at Fredericksburg Fly Fishers are once again hosting Oktoberfish on the South Llano.

The Llano River Field Station will be hosting a Stream Trailer Demonstration Saturday morning. Come see us.

Learn to flyfish and more.....

OKTOBERFISCH 2017

Register Online.....

WWW.FREDERICKSBURGFLYFISHERS.ORG