

S E P T E M B E R 8 , 2 0 1 7

# Watershed Week in Review

Llano River Watershed Alliance  
and  
Llano River Field Station



*Do you rely on a well for  
your Drinking Water?*

**...then this program is for you!**

In Texas, water well owners are independently responsible for monitoring the quality of the wells and are at a greater risk for exposure to compromised water quality. The best way to reduce this risk is to have your well tested.

*Join us October 3<sup>rd</sup> from 12:30-4:30pm at the Llano River Field Station for the Texas Well Owner Network.*

This program is an educational training offered by Texas A&M AgriLife Extension Service in cooperation with the Texas State Soil and Water Conservation Board.

[Learn more](#)



## Miss Today's Workshop?

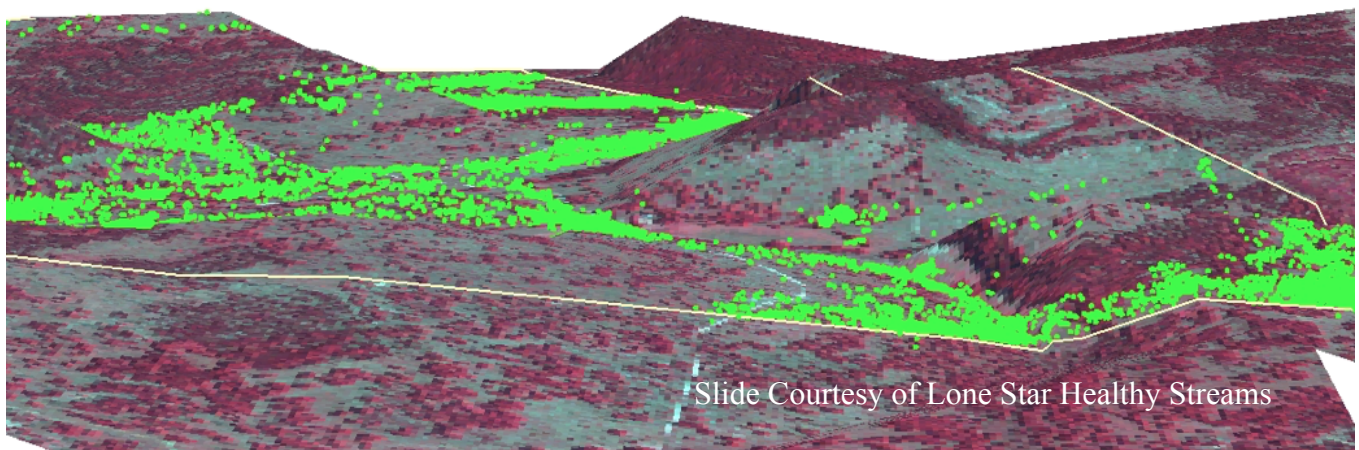
The folks from Texas A&M AgriLife in College Station presented a lot of great information about land stewardship that not only **protects our rivers and streams**, but also saves YOU MONEY.

Over the next few weeks, this newsletter will share some of today's best tips.

See page 2 for this week's tip.

## Calculating your Stocking Rate

### Edwards Plateau Ranch 3-D View w/ GPS Locations



Slide Courtesy of Lone Star Healthy Streams

- 39% area used
- 41% GPS points on 9% area
- SR: 21 ac/cow
- Effective SR: 9 ac/cow

Stocking Rate is the number of animals on a pasture or range for a specified time period. It is usually expressed in Animal Unit Months (AUM) per a unit area.

Proper stocking rates are a key to maintaining healthy range and healthy watersheds.

Stocking Rate (SR) is generally based on the number of acres of land on a particular parcel. However, one can err in calculating the rate if one assumes that all of the land on a parcel is available for grazing. Factors that affect grazeable acres include: distance to water source; rock cover; brush density; slope; and the presence of dormant or unpalatable forage species.

In the example above, from today's Lone Star Healthy Streams Workshop, GPS collars were attached to cattle in a herd on an Edwards Plateau ranch. The locations of individual cattle are represented by green dots on the above oblique (side-looking) image of the ranch; red represents trees and brush. Of the total available area, only 39% was utilized by cattle; a mere 9% of the area contained 41% of all of the points. This distribution results in a stocking rate more than twice (21 ac v 9 ac) the rate calculated if all the acreage is assumed to be grazeable.



# 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](http://WWW.FREDERICKSBURGFLYFISHERS.ORG)