

KFL Allocation Options Summary:

KFL Sustainability = 26.3% reductions from recent historical use (2006-2015) based on KGS analysis

KFL Goal- To reduce water use in KFL boundary by ~12,500 AF/Yr

(~11% total conservation from irrigation, appropriated water rights)

February 2017)

Allocations based on Sheridan 6 LEMA of a set acre-inches (11"/year in Sheridan 6 for non-vested WR's)

-Dismissed because of diversity of wells in KFL

March 2017)

9-year LEMA with 10% reductions off historical use every 3 years

-Dismissed because 9-year LEMA is not preferred for initial period

Using 18-inch ceiling & 8-inch floor

-Dismissed because it requires certifying acres; which may be challenging and delay a LEMA

Reduce all water rights by a set % but any allocations over possibly 18 inches would be reduced to 18 inches

-Dismissed because good wells take larger cuts than other wells

Reducing 15% off all irrigation, appropriated water rights historical use

-The Good: Equal reduction across the board, "help curb use it or lose it mentality"

-The Bad: The wells that cannot pump a lot of water cannot afford to reduce anymore

April 2017)

Sliding Rule introduced: where % use of authorized quantity over historical period is a reduction factor to overall conservation, per well.

-The Good: gives a fair reduction to wells based on what they've used of authorized

-The Bad: Not simple to understand; wells still able to pump authorized take more reduction

May 2017)

Taking a % reduction off base authorized annual quantity

-Dismissed because most wells cannot pump their original base authority

Taking a % reduction off year of max use from 2006-2015; no greater than 25% off historical average use

-The Good: All water rights get reduced based on well output today

-The Bad: Wells that can still pump full authority take the largest reduction to meet goal

Use the sliding rule but bring down all wells to or below NIR per county

-Dismissed because it is complicated to calculate and requires certifying acres

July 2017)

Using Acre-Inch caps across the board (such as 18, 17, 16, 15)

-Dismissed because even with a cap of 15" across the board the max conservation would be 8% (including vested water rights)