Pecos River Survey Results

Funding provided by the <u>Texas State Soil and Water</u> <u>Conservation Board</u> (TSSWCB) through the <u>Environmental Protection Agency</u> (EPA) Clean Water Act Section 319(h) grant money.



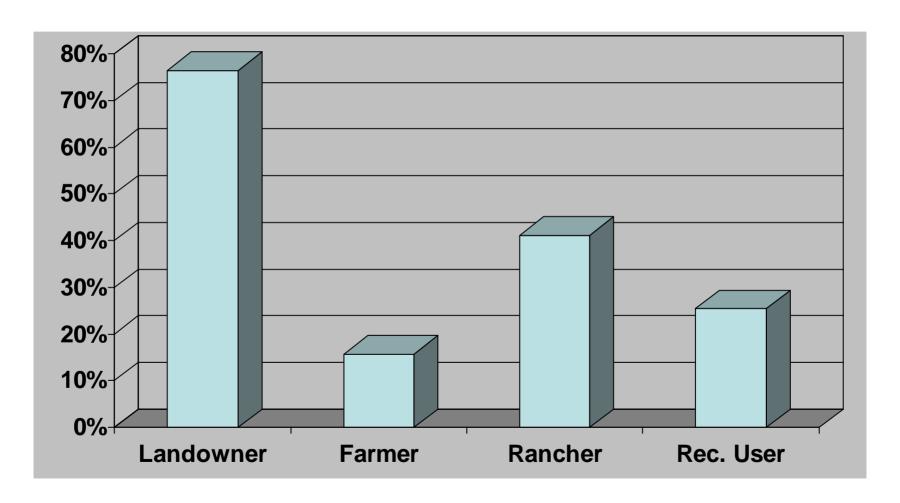








Respondents Association with the Pecos River

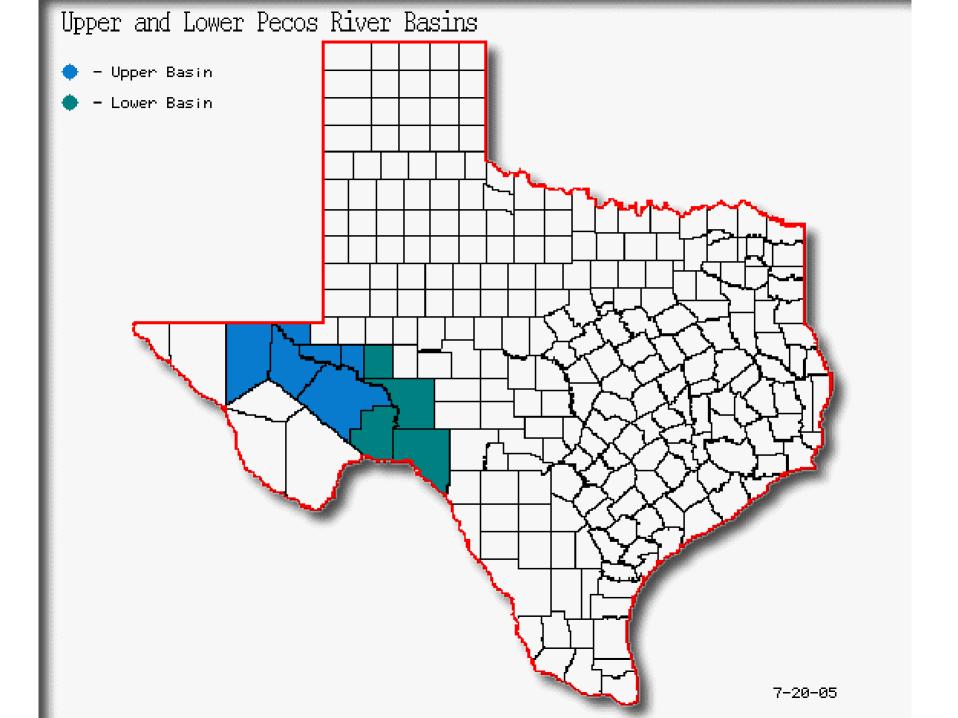


Summary of Pecos River Opinion Survey

- All Counties within the Basin were represented.
 - We also had one interested party from outside the basin respond.

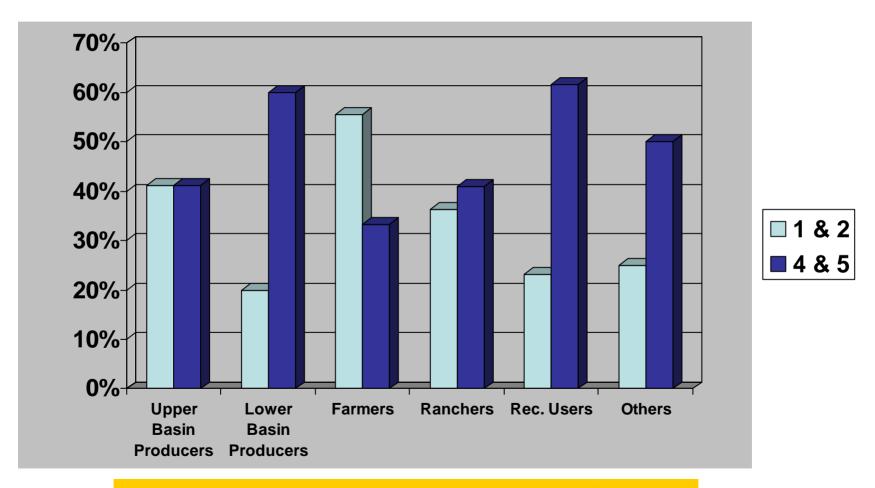
Response Numbers by County.

County	No. of Responses
Crane	9
Crockett	6
Culberson	3
Loving	6
Pecos	16
Reeves	6
Terrell	6
Upton	1
Ward	15
Val Verde	9
None	1
Total	51



To What Extent are Farming Practices Affecting the *Stream Flow* of the Pecos River?

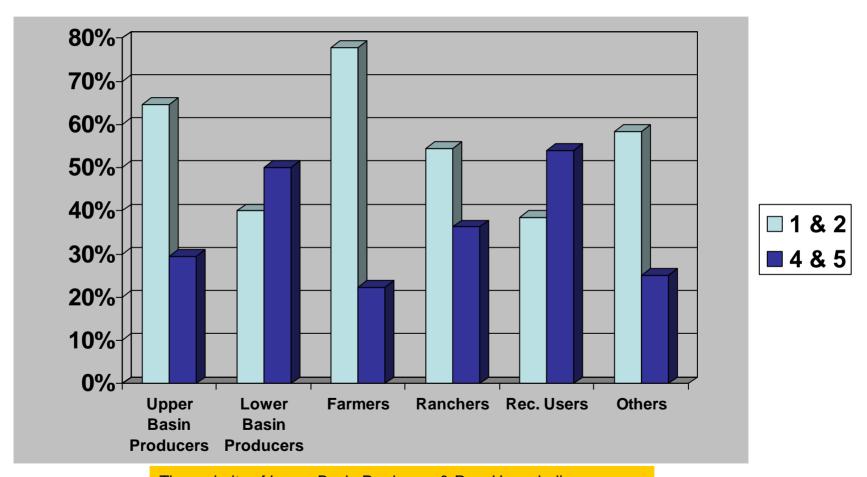
(1= Little Effect, 5= Great Effect) Average = 3.5, n=51.



The majority of Lower Basin Producers, Ranchers, Rec. Users, & Others believe farming practices have a significant effect on *stream flow*.

To What Extent Are Farming Practices Affecting Water *Quality* Within the Pecos River?

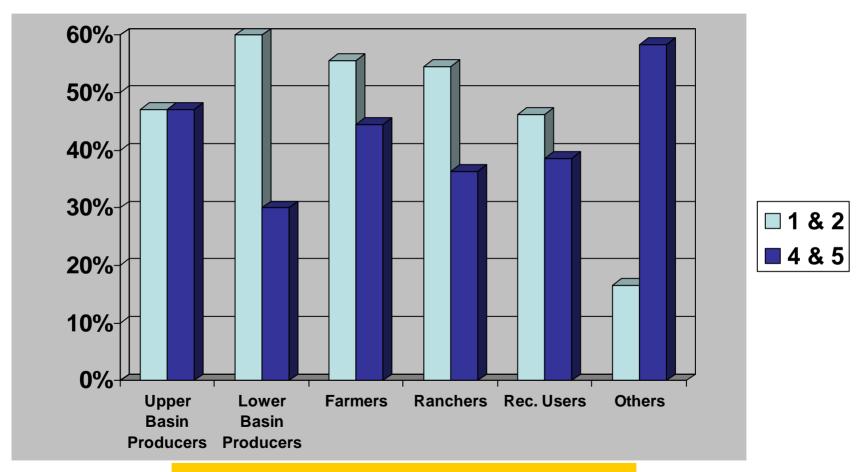
(1= Little Effect, 5= Great Effect) Average = 2.97, n=51.



The majority of Lower Basin Producers & Rec. Users believe farming practices have a significant effect on *water quality*

To What Extent are Rangeland Conditions Affecting the *Stream Flows* of the Pecos River?

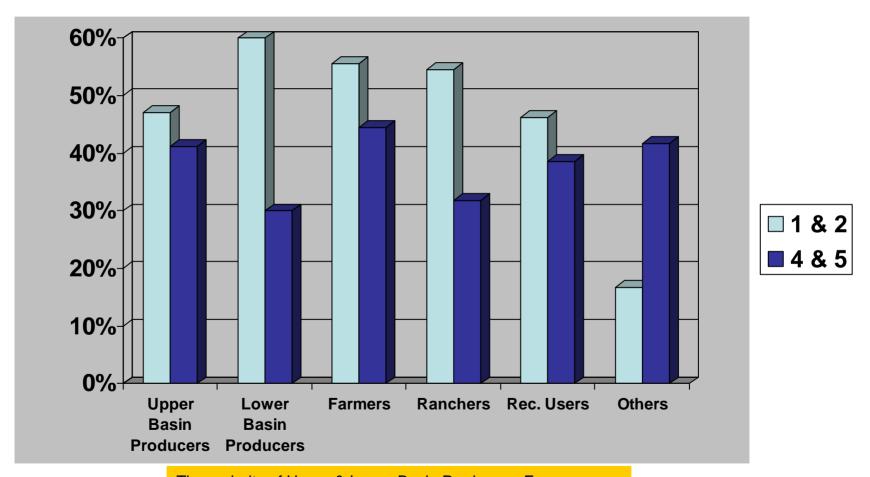
(1= Little Effect, 5= Great Effect) Average = 3.17, n=51.



The majority of Lower Basin Producers, Farmers, Ranchers, and Rec. Users believe rangeland conditions have little effect on *stream flows*

To What Extent Are Rangeland Conditions Affecting Water *Quality* Within the Pecos River?

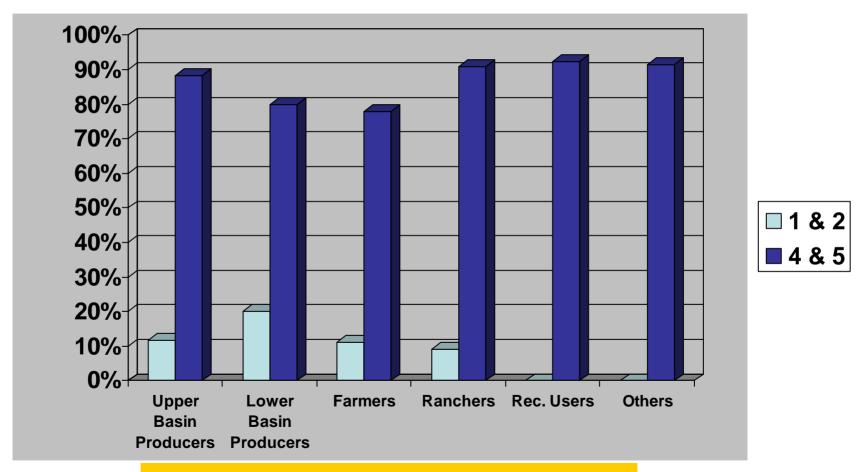
(1= Little Effect, 5= Great Effect) Average = 3.0, n=51.



The majority of Upper & Lower Basin Producers, Farmers, Ranchers, and Rec. Users believe rangeland conditions have little effect on *water quality*

To What Extent Are Non-Native Invasive Species Affecting the *Stream Flow* of the Pecos River?

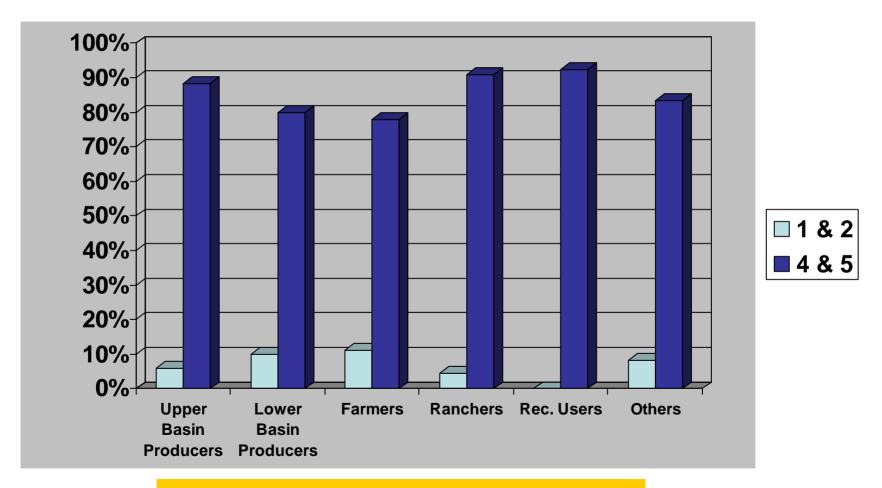
(1= Little Effect, 5= Great Effect) Average = 4.6, n=51.



The majority of all respondents believe non-native invasive species (such as saltcedar) have a significant effect on *stream flow*

To What Extent Are Non-Native Invasive Species Affecting Water *Quality* Within the Pecos River?

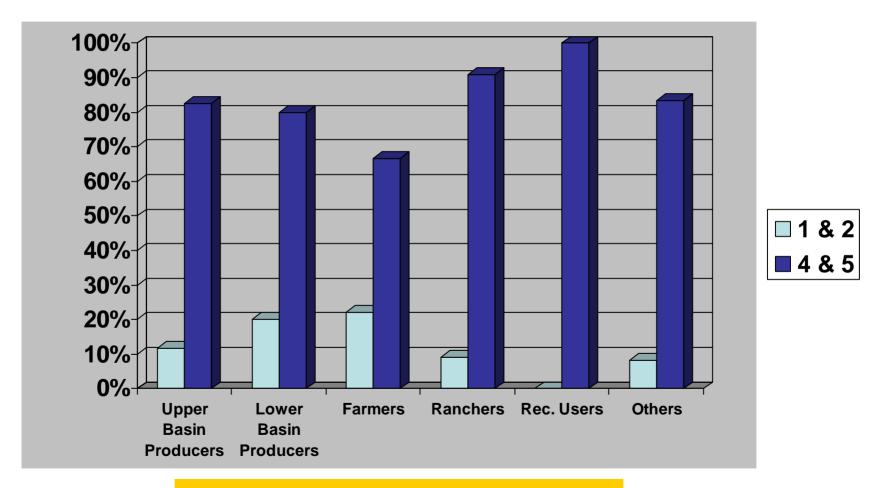
(1= Little Effect, 5= Great Effect) Average = 4.56, n=51.



The majority of all respondents believe non-native species (such as saltcedar) have a significant effect on *water quality*

Does the General Public Benefit From the Use of Public Funds to Control Saltcedar Along the Pecos River?

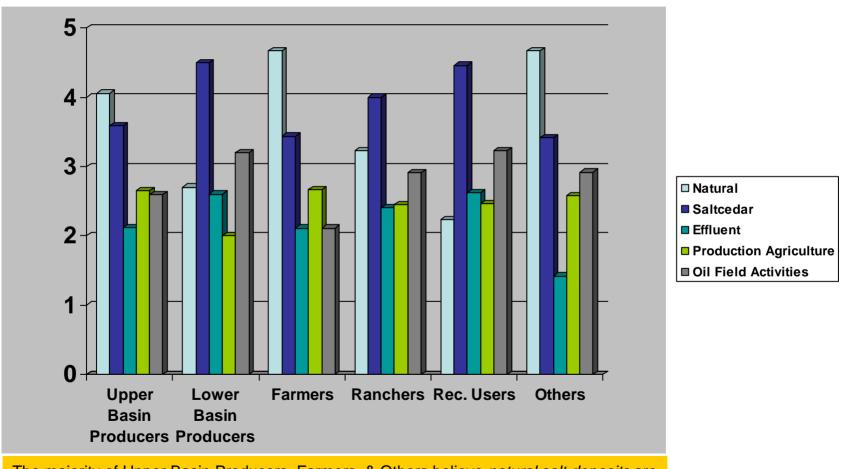
(1= No Benefit, 5= Much Benefit) Average = 4.58, n=51.



The majority of all respondents believe the general public benefits from the use of public funds to control saltcedar

Most Likely Sources of Salt Accumulation is Amistad Reservoir: Average Response.

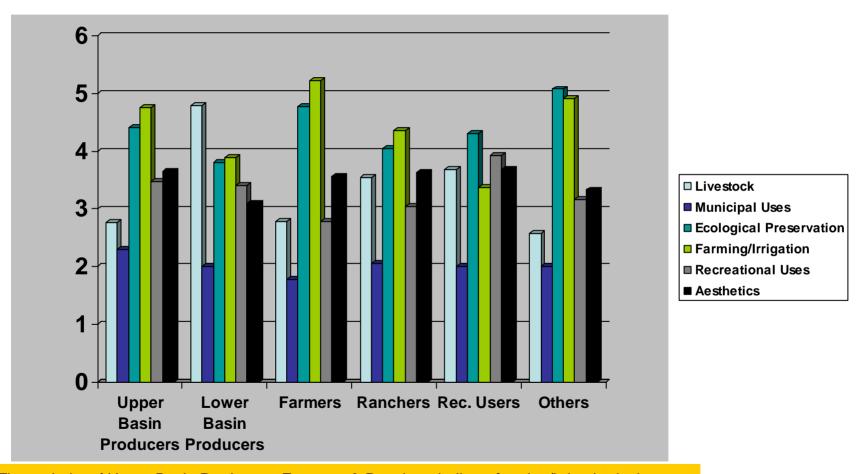
(1= Least Likely source, 5= Most Likely Source)



The majority of Upper Basin Producers, Farmers, & Others believe *natural salt deposits* are the source of Pecos River salinity: the majority of Lower Basin Producers, Ranchers, & Rec. Users believe *saltcedar* to be the most likely source.

Ranked Uses of Water Based on the Perception of its Value.

(1 = Lowest Value, 6 = Highest Value)



The majority of Upper Basin Producers, Farmers, & Ranchers believe *farming/irrigation* is the most valuable use of Pecos River water: the majority of Lower Basin Producers believe *livestock* use more valuable, while Rec. Users & Others prefer *Ecological Preservation*