

Leon River Watershed

2018 BRA Meeting

Andy James

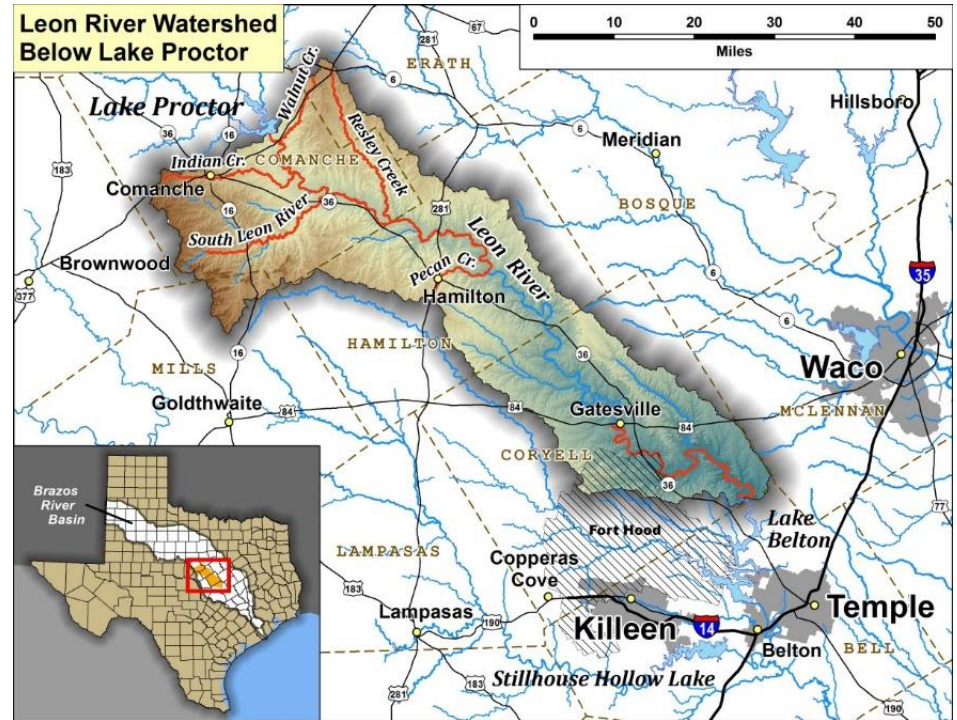
Watershed Coordinator

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Outline

- Leon River Water Quality Update
- Delisting of stream Assessment Unit (AU)
- County Septic Programs
- Feral Hog Abatement Efforts
- WQMP Program
- Implementation of BMP's
- Education and Outreach Efforts



Water Quality

- 16 stream AU
- RUAA's completed for 9 AU's.
- AU's 1221_01, _02, _3 will be 1259
- AU's _04, _05, _06, _07 will be 1221.

AU ID	AU Name
1221_01	Leon River
1221_02	Leon River
1221_03	Leon River
1221_04	Leon River
1221_05	Leon River
1221_06	Leon River
1221_07	Leon River
1221A_01	Resley Creek
1221A_02	Upper Reseley
1221B_01	South Leon River
1221C_01	Pecan Creek
1221D_01	Indian Creek
1221D_02	Upper Indian
1221E_01	Plum Creek
1221F_01	Walnut Creek
1221G_01	Coryell Creek

Water Quality

Leon River Watershed Summary

- 16 stream AU's have now been divided into 2 stream segments.
- RUAA's for Resley, Indian, & S. Leon are at EPA.
- Wildlife is a concern for future delisting's.
- Most stream segments appear to be improving over the last 10 years.

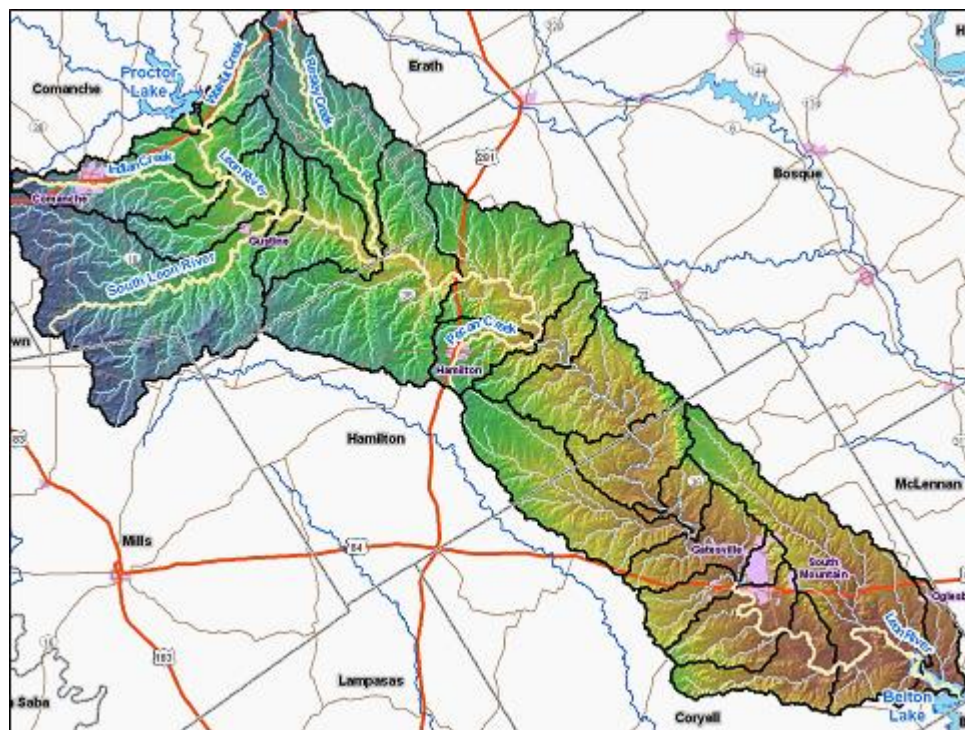
Delisting of Stream Segments

List of successful delisting's and years

- 2012
 - There were 11 AU's listed on 303(d) list
- 2014
 - 7 AU's listed
 - 1221_01, _04, _05, & S. Leon were removed from list.
- 2016
 - Walnut Creek is now SC2 (*not official*)
- RUAA Acceptance
 - If remaining RUAA's are accepted by EPA, Resley & Indian Creeks could come off the list (4 AU's total).

Watershed Implementation Efforts

- OSSF Programs
- Feral Hog Abatement Programs
- WQMP Grants
- Education & Outreach
- Implementation of BMP's



Hamilton & Coryell County Septic Programs



Overall Septic Performance

- Leon River WPP recommended that 120 systems be identified and replaced between 2010-20.

A total of 133 systems have been replaced to date.



Feral Hog Abatement Efforts

TDA Grants

- Coryell/Hamilton County
- 2012-2017
- \$77,000
- Bounty Programs
- Trapping supplies purchased



Future Feral Hog Abatement Efforts

- Estimates are now at 4-5 million hogs in state
- Original TMDL estimated 28k hogs in watershed
 - Population has more than likely doubled or tripled since that time
- Coryell Co. will continue trapping program
- Wildlife Services feral hog trapper
- **Additional funding sources???**

WQMP Grant

- Landowners within the Leon River Watershed are eligible
- Collaboration with NRCS
- Up to \$15,000 per application
- Estimated 60% cost share

WQMP Implementation

- Total Plans - 15
- Total Funding - \$111,842
- Total Acres – 4,791
- Additional 13 plans and \$155,000 spent since September***



Implementation of BMP's

NRCS & TSSWCB

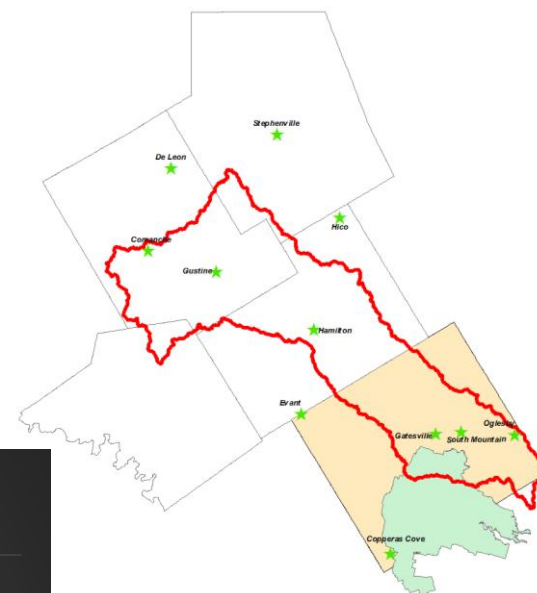
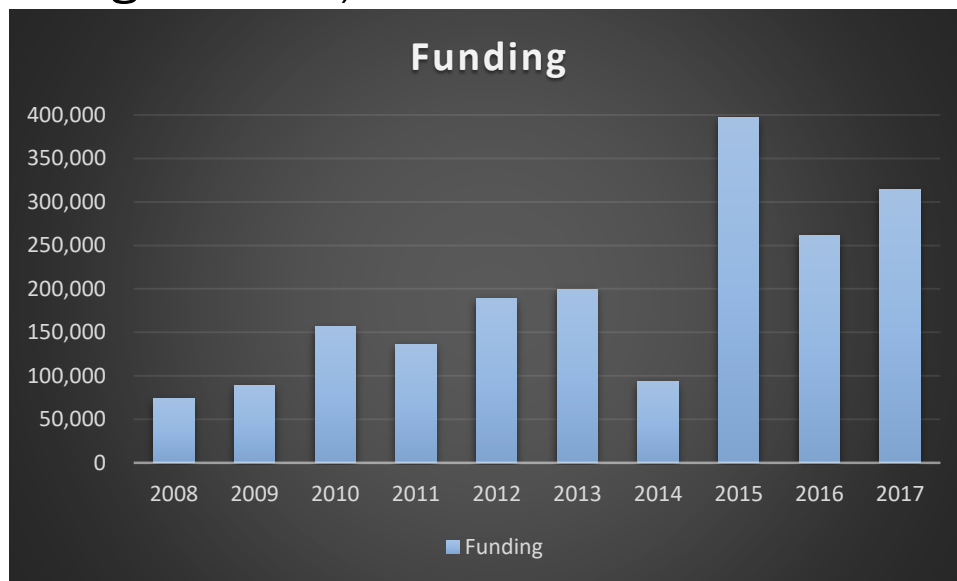
- Brush clearing
- Alternative Water
- Cross fences
- Grass planting



Implementation of BMP's

Coryell County-NRCS

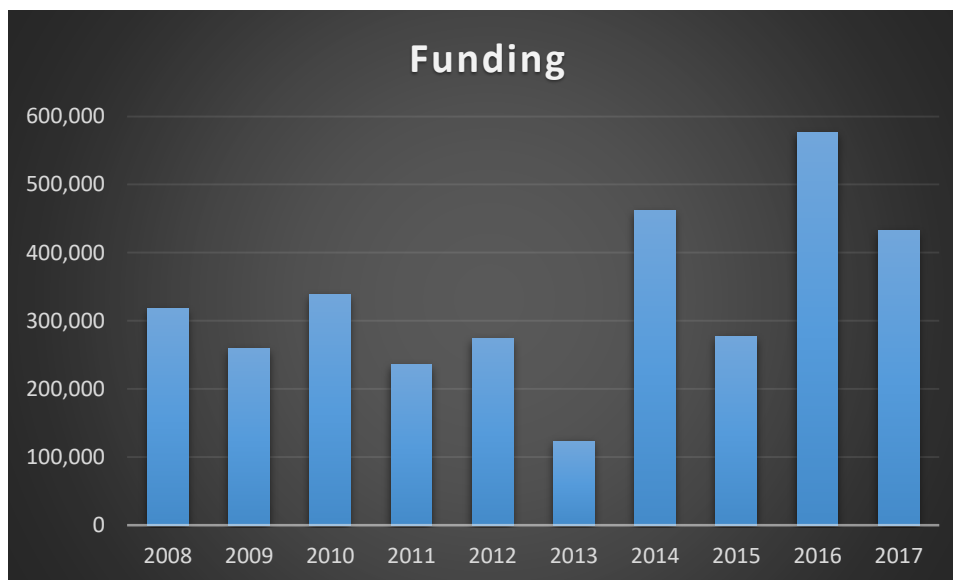
- Total Funding - \$1,907,887
- Total Acres – 32,345
- Watershed = 50% of county
 - (excluding Ft. Hood)



Implementation of BMP's

Hamilton County-NRCS

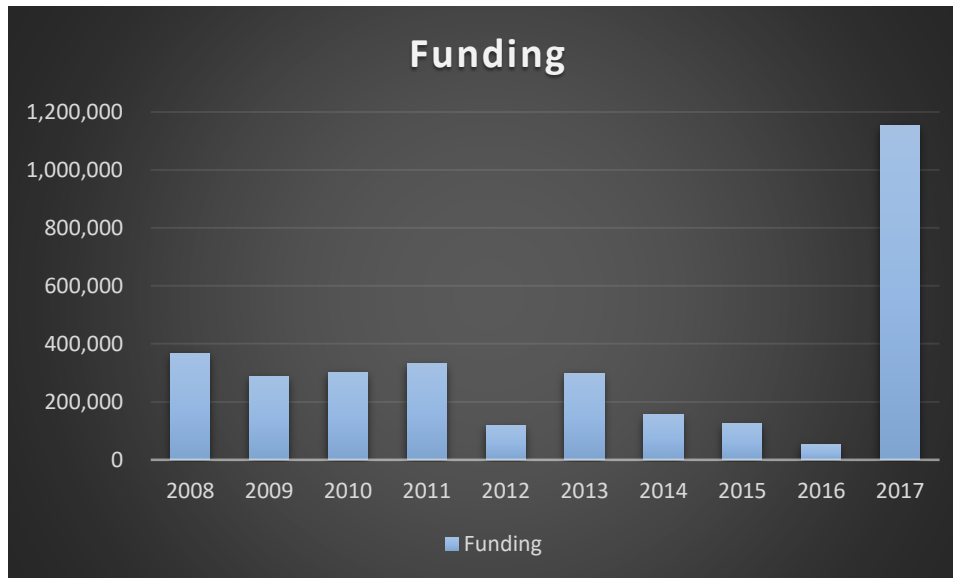
- Total Funding - \$3,295,895
- Total Acres – 39,693
- Watershed = 45% of county



Implementation of BMP's

Comanche County-NRCS

- Total Funding - \$3,223,445
- Total Acres – 36,111
- Watershed = 48% of county



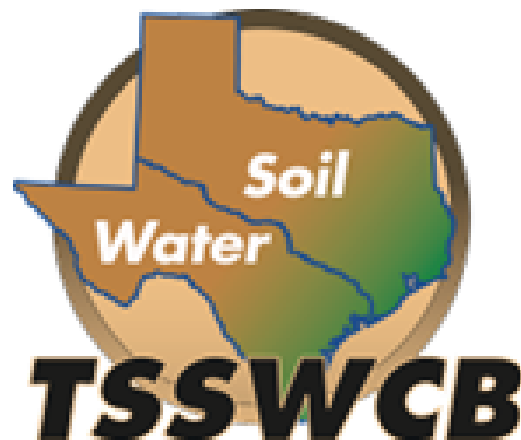
Soil & Water Conservation Board

Hamilton-Coryell SWCD

- \$211,046
- 20,623 acres

Upper Leon SWCD

- \$751,842
- 38,961 acres



Summary of BMP's

- Total Funding – \$9,501,965
- Total Acres – 172,524



Education and Outreach

Workshops, Field Days, Presentations, Camps

- 2012-2017
- 50 Events
- 3,000+ Adults & Children



Education and Outreach

Future opportunities

- Keeping Gatesville Beautiful
- Keeping Hamilton/Comanche Beautiful??
- Middle Trinity GCD
- ISD's
- Hanna Ranch



Questions

Funding for this project is provided by a state nonpoint source grant from the Texas State Soil and Water Conservation Board.

