

Plum Creek Watershed Partnership



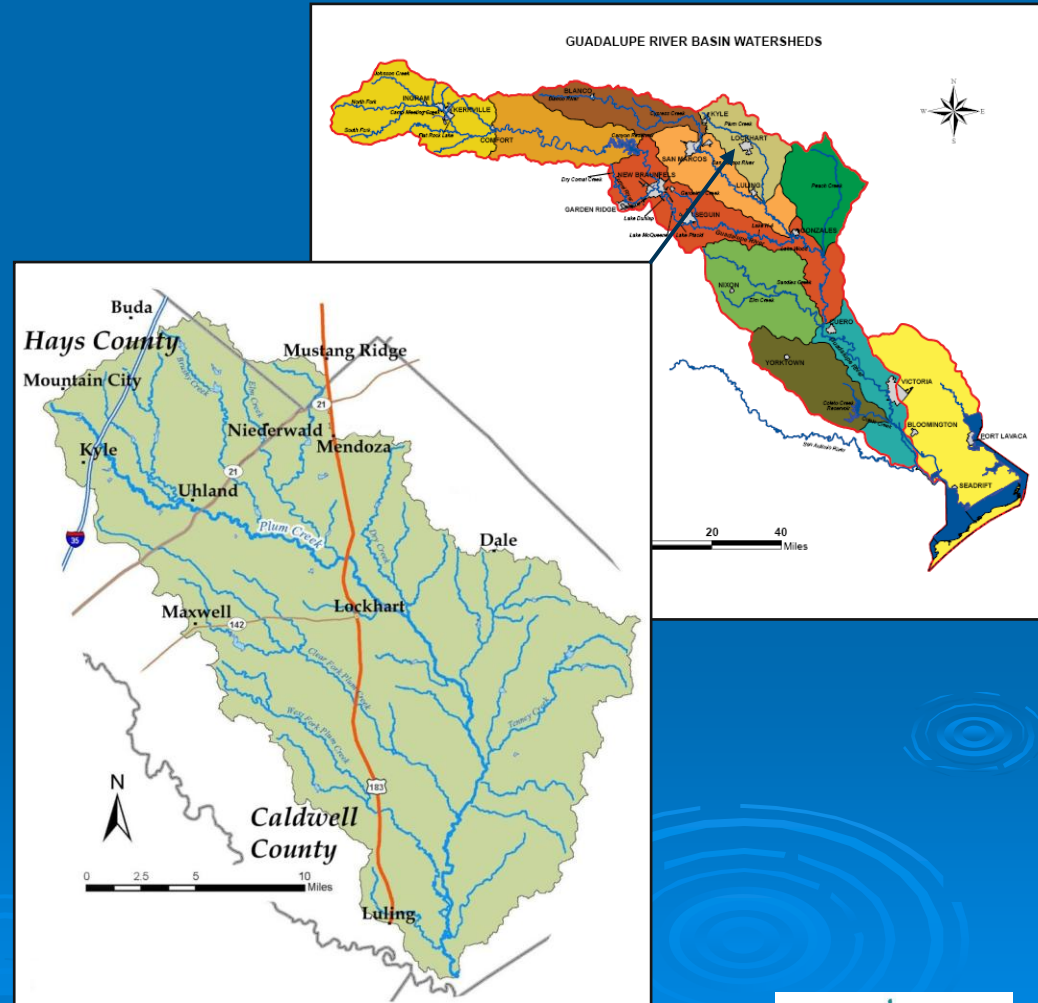
2014 Clean Rivers Program Update

Seguín, Texas
March 20, 2014



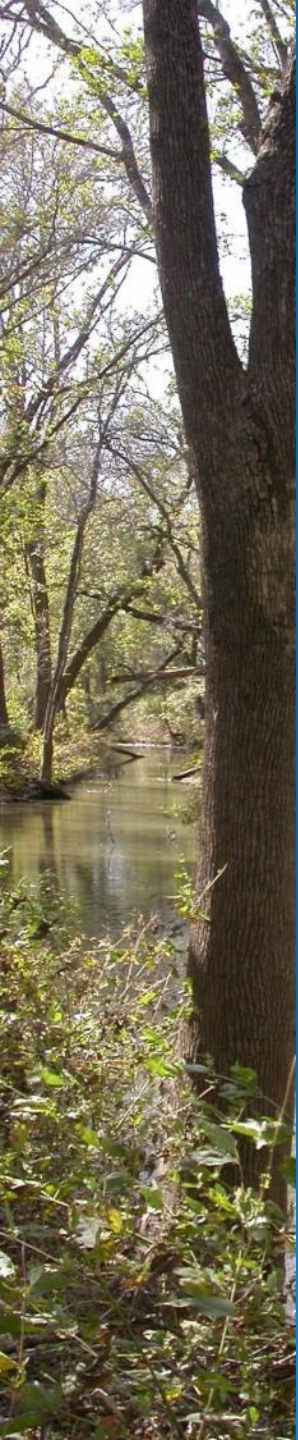
The Plum Creek Watershed

- 397 square mile drainage
- Tributary to the San Marcos River
- Plum Creek was placed on the State of Texas 2004 303(d) List of Impaired Waters for exceeding the water quality standard for bacteria (*E. coli*) and still does not support its designated use for contact recreation, (126 org./100 ml for contact recreation)
- 2012 TCEQ Integrated Report status 4b (no longer scheduled for a TMDL)



Plum Creek Watershed Partnership

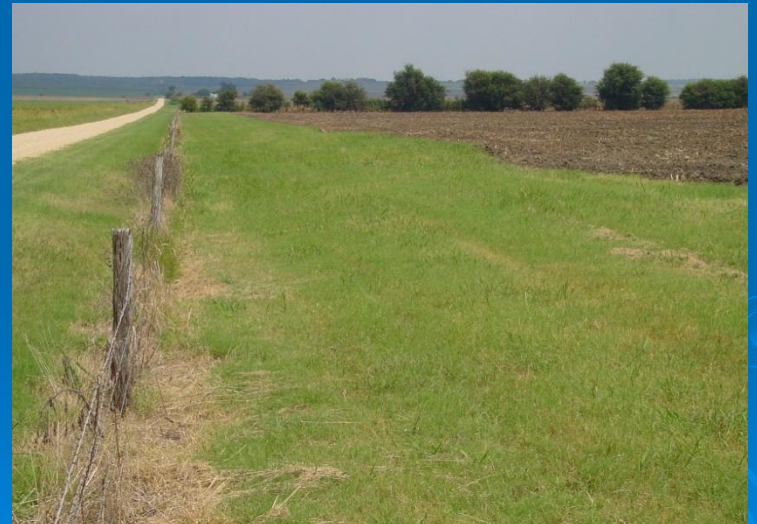
- A local Steering Committee of stakeholders throughout the watershed have directed the process
- Reduce pollution and improve water quality
- Strategies for each of the potential sources in the watershed
- Interlocal Agreement signed by 12 Project Partners in 2011 provided matching funds for a CWA §319(h) grant to support a local watershed coordinator



Implementation of Agricultural Best Management Practices

Troy Freeman, Caldwell-Travis Soil and Water Conservation District Technician

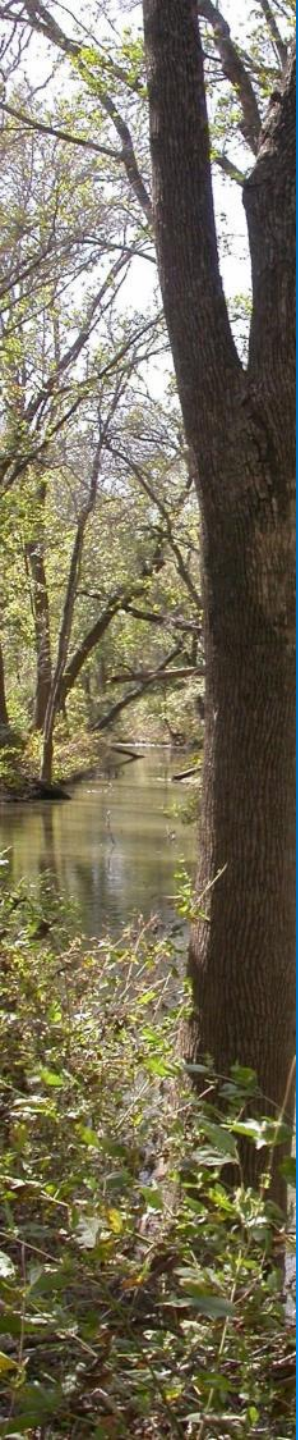
Technical and Financial Assistance for Ranchers and Farmers in the Plum Creek Watershed



Education Program for Feral Hog Management in the Plum Creek Watershed

Dan Gaskins
Extension Assistant
Texas AgriLife Extension Service
Department of Wildlife and Fisheries Sciences





Watershed Coordinator Update

Nick Dornak, Plum Creek Watershed Coordinator



Keeping Texas and the Plum
Creek Watershed Beautiful !!!



Keep Lockhart Beautiful~

Plum Creek/Town Branch/Lockhart Springs
6th Annual Cleanup and Environmental Fair

- 200 volunteers
- 1,580 lbs of refuse / 840 lbs of recyclables
- Wildflower planting
- Total Fundraising = \$4,097
 - 42 local sponsors
- 7 parks and 4.5 stream miles covered

2013 Environmental Fair

- Over 125 participants
- 6 educational exhibits

Thank you sponsors!



Capital Area
Council of Governments



2014 KTB Plans and Projects

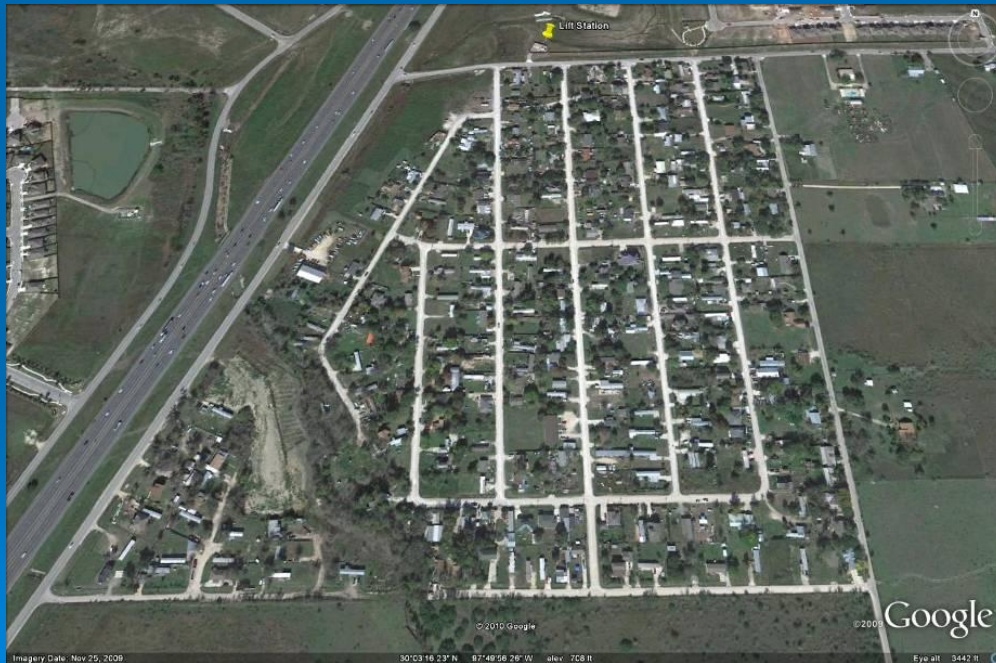
- City of Lockhart now official *Keep Texas Beautiful* affiliate
 - Board of Directors
 - Governor's Community Achievement Award
 - Second Place finish!!!
 - KLB Volunteer awarded O.P. Schnabel Senior Citizen Award
 - Texas Waterways Cleanup Grant
- City of Kyle, Plum Creek Watershed Cleanup
 - Saturday, March 1, 2014
- KTB Training held January 8, 2014 in Lockhart
 - Potential for additional KTB affiliates in the watershed
 - Coordinated KTB Plum Creek Cleanup (fall 2014)

Caldwell County Community Collection Events 2012 ~ 2013

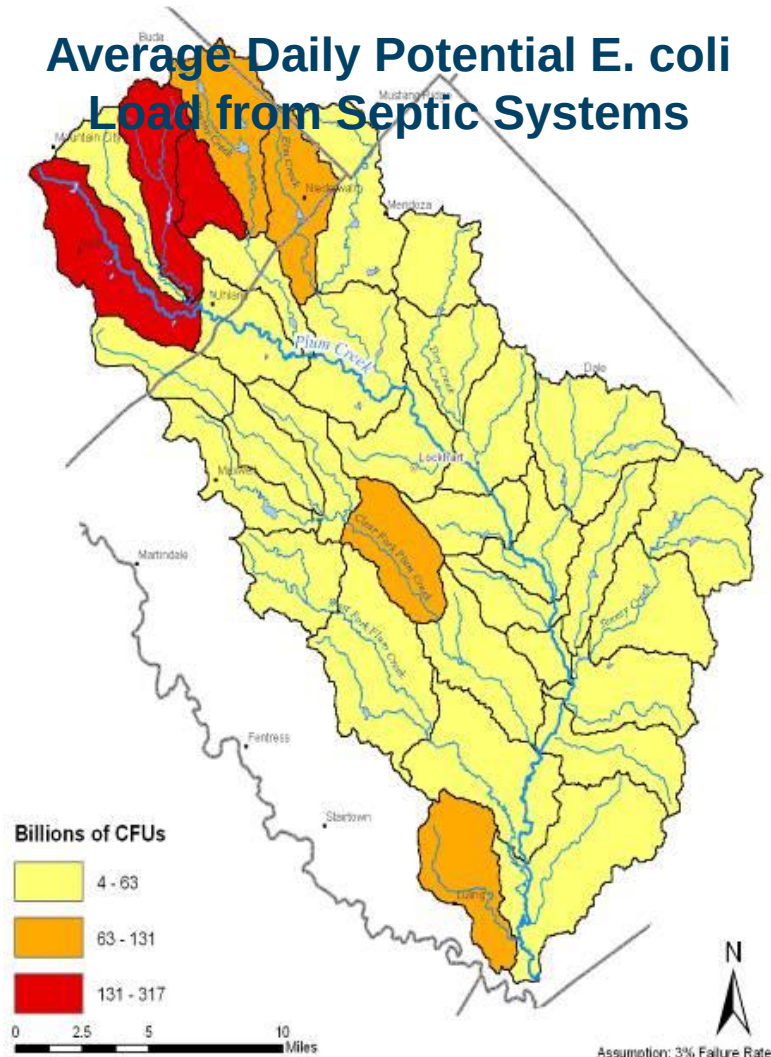
Lockhart, TX ~ June 1, 2013



Hillside Terrace Wastewater Project Area



Average Daily Potential E. coli Load from Septic Systems



Hillside Terrace Project

- Over 265 homes in the subdivision are on onsite wastewater systems
- Majority of lots are small, wastewater issues are reported often to the County
- A lift station for the Buda WWTP is located across the road
- The total project for infrastructure to connect these homes is estimated to cost \$5.6 Million
- Planning and Design Phase is estimated to cost around \$400,000
- Clean Water State Revolving Fund Loan Program – low-interest rate loans and principal forgiveness

Hillside Terrace Project

- 2012 was the third year for consideration of the Hillside Terrace Project
- Project qualified for 70% loan forgiveness toward P&D due to disadvantaged community status.
- October 30, 2012 – Interlocal agreement approved by Hays County Commissioner's Court to split costs with City of Buda for unfunded principal portion of P&D.
- November 1, 2012 – Application submitted to TWDB.
- TWDB Meeting to approve financing and loan forgiveness for \$400,000 P&D held April 16, 2013
- Planning and Design for Hillside Terrace underway!!!

- Resolution 16-2013 established 5-year support from Caldwell County
- 8 Member Leadership Committee
- Managing \$5,000 TDA Hog Out Grant
- Managing \$85,000 County Hog Abatement Matching Program (CHAMP)
- Partnering with Hays County

Implementation of Caldwell / Hays County Feral Hog Action Plan

Feral Hog Action Plan Goals

- **Remove 4,720 feral hogs from Caldwell and Hays County in 1 year**
- Quantify and reduce short-term and long-term impacts
- Encourage and enhance landowner participation through cooperative and incentive programs
- Information transfer to stakeholders
- Develop sustainable funding structure for continuation of programs

www.feralhogtaskforce.com



Caldwell/Hays County Feral Hog Action Plan Components

- \$5 Bounty Program
 - Runs through August 2014 (or until funds exhausted)
- Aerial Control (Texas Wildlife Services)
 - Will fly approx. 30,000 acres in March
- Aerial Control (Helicopter Tours of Texas)
 - Contracted for 10+ hours of individualized aerial control
- Professional Hunting / Trapping
 - Working over 1,700 acres
- Landowner Cooperatives, ex. *Wireless Traps*

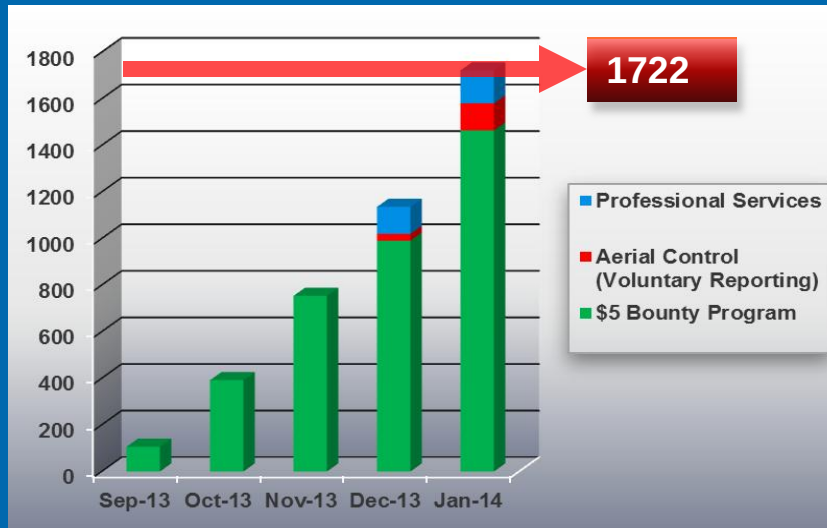
\$1,000 in donations
to date from local
landowners

Voluntary Donations



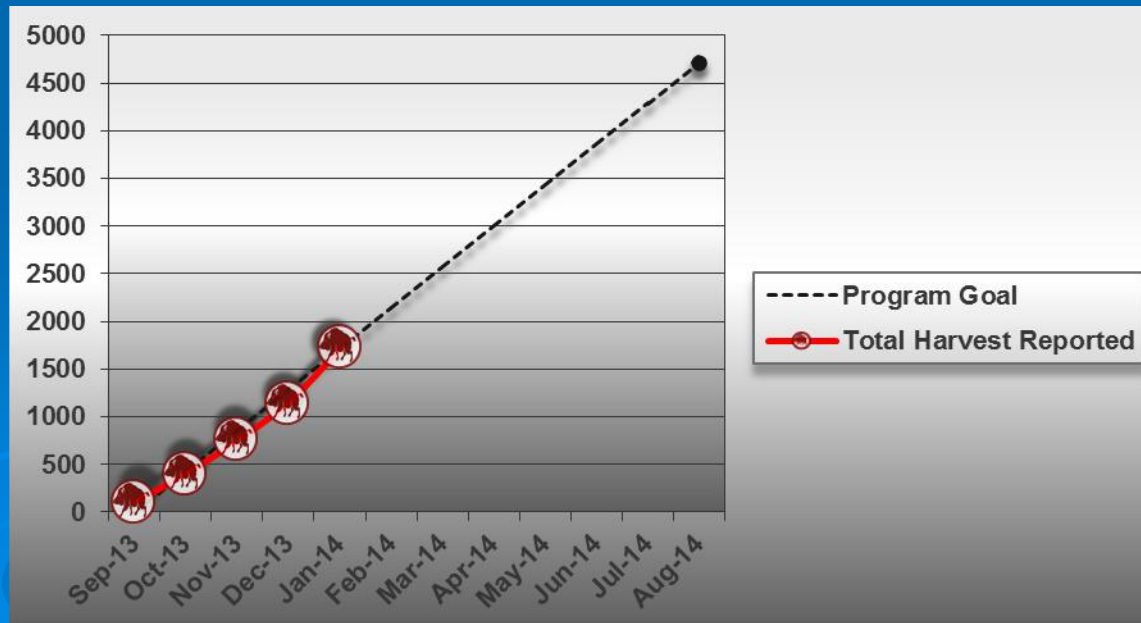
Caldwell County
FERAL HOG TASK FORCE

Caldwell/Hays County Feral Hog Action Plan through January 31, 2014



**Reported feral hog harvest
September 1, 2013 through
January 31, 2014**

UPDATE:
**2,247 feral hogs
harvested through
February 2014 !!!**

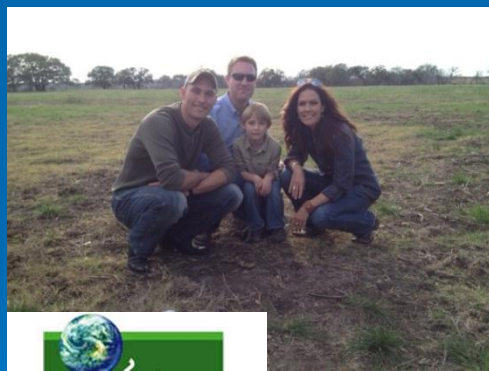


CHAMP in Pictures





Feral Hog Task Force Programs Publicity and Support



The
Economist



Plum Creek Watershed Updates

- **Clean Water Act §319(h) Nonpoint Source Grant Program FY 2014 Proposal**
 - Funds additional three years of WPP implementation
 - Revisions submitted to TSSWCB in January 2014
 - **Walton Development and Management (wastewater)**
 - **GreenGroup Holdings (landfill and environmental park)**
 - **More disruptions at the Kyle WWTP**
 - Permit (WQ0011041-002) expires February 1, 2015
- April 7, 2014 meeting with TCEQ to discuss
Kyle WWTP Permit Renewal**
- **NEMO and OSSF Workshops (summer 2014)**

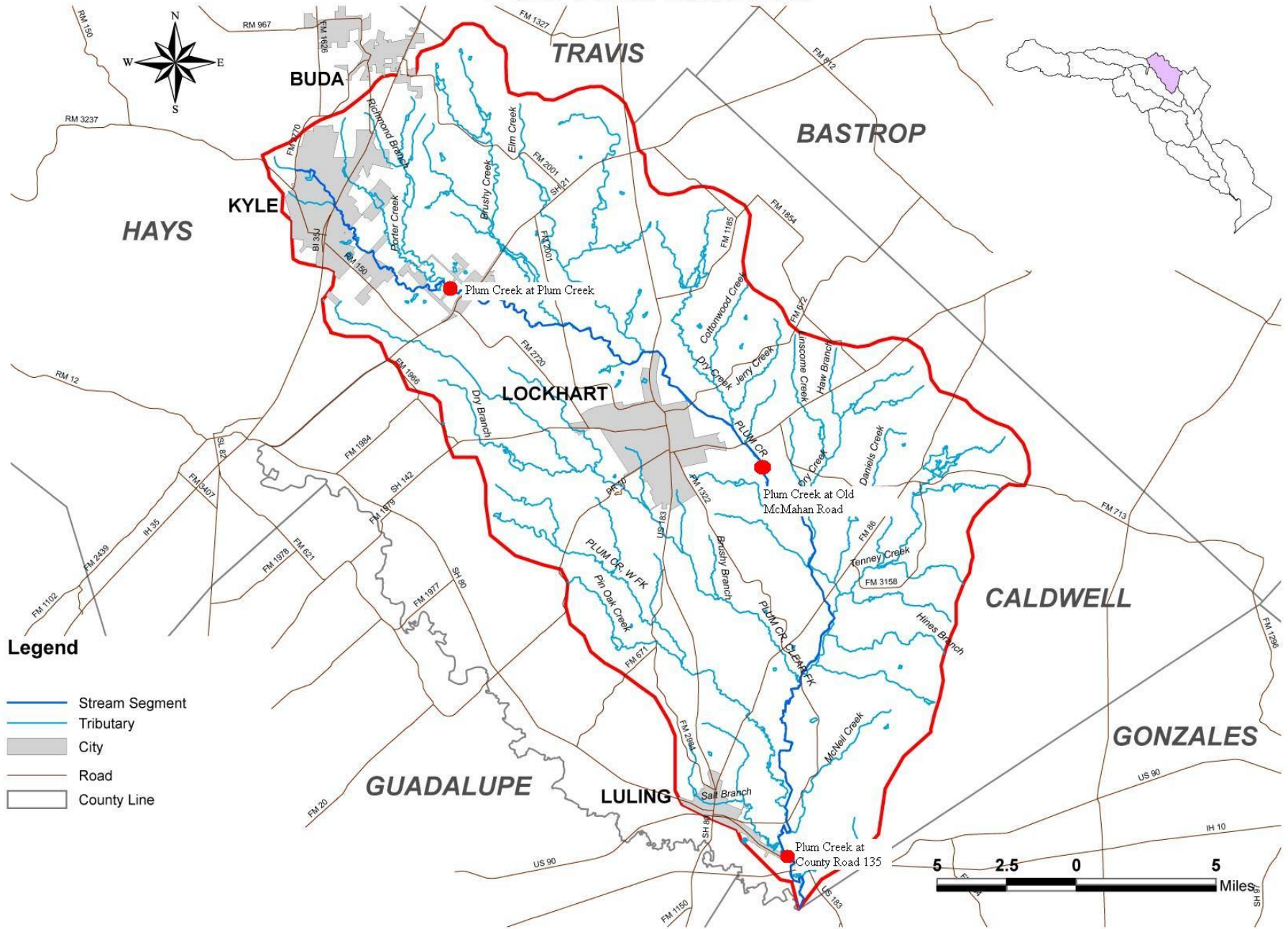
2014 Watershed Protection Plan Update



Plum Creek WWTPs

Site	Effluent Limits E.coli/TotP/NH3-N	No. of Samples	Median Flow	E. coli Geometric Mean	Range	Total P Mean, mg/L	Range	NO3-N Mean, mg/L	Range	NH3-N Mean, mg/L	Range
Kyle and AquaTX	NA/NA/3	37	2.5	91	<1->4840	3.91	0.78-8.94	21.34	0.27-35.5	1.52	<0.2-22.2
Buda and GBRA	NA/1.2/2	37	1.2	2	<1-25	0.39	0.21-0.62	21.21	10.4-29.5	<0.20	<0.2-0.63
Shadow Creek and GBRA	NA/1/2	37	0.2	3	<1->2420	0.51	0.1-2.36	8.86	0.52-15.8	0.83	<0.2-6.01
Sunfield and GBRA	NA/1/2	33	0.07	<1	<1-4	0.48	0.21-0.96	45.42	22.5-63.5	<0.2	<0.2-0.24
Lockhart #1 and GBRA	126/NA/3	37	0.8	3	1-820	3.36	0.41-17.3	15.75	5.50-26.3	0.62	<0.2-7.20
GBRA Lockhart #2	126/NA/3	37	1.4	12	4-980	2.56	0.31-7.36	6.64	0.08-26.0	0.46	<0.2-7.85
Luling	NA/NA/3	37	0.32	<1	<1-6	3.73	1.84-5.89	20.15	0.19-44.2	0.48	<0.2-2.84

Plum Creek Watershed



Plum Creek Routine Station E. coli (MPN/100mL)

[illegible]



Project Takeaways

*It's a long road. Sustainability
is Critical!*

“Steak holder”







Plum Creek Watershed Par...

Timeline

Promote Page

Overview Likes Reach Talking About This

All dates and times are in Pacific Time

Export Data



Total Likes ?

115 4.55%

People Talking About This ?

17 183.33%

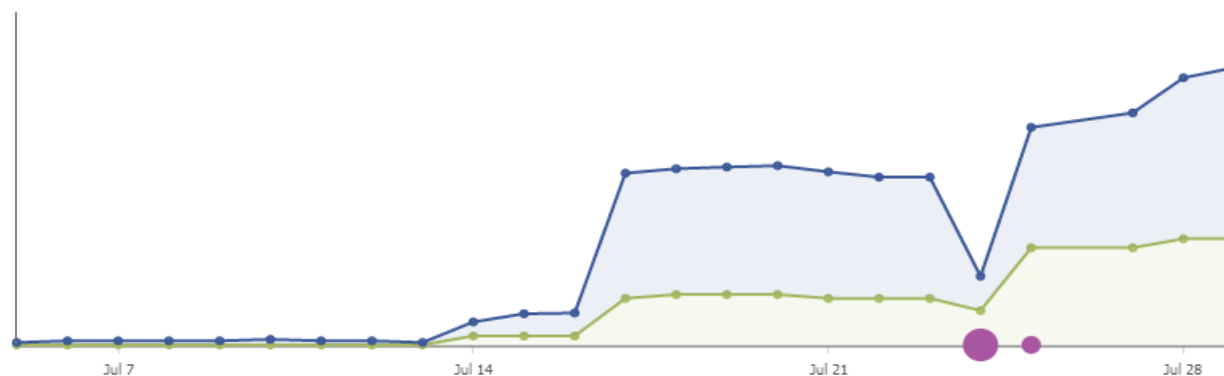
Weekly Total Reach ?

553 87.46%

Posts ?

People Talking About This ?

Weekly Total Reach ?

**Page Posts** (Updated 3 minutes ago)

All Post Types

Date ?	Post ?	Reach ?	Engaged Users ?	Talking About This ?	Virality ?	
7/31/13	Texas lost an icon today and our family lo...	40	4	4	10%	
7/25/13	Just broke 100 "likes". Hope the servers h...	48	2	2	4.17%	
7/24/13	Plum Creek Watershed Partnership create...	16	1	1	6.25%	
7/24/13	Plum Creek Watershed Partnership create...	8	0	0	0%	
7/24/13	Finally updated the website today. Really...	29	2	0	0%	
7/24/13	The Animal Planet program featuring feral...	40	4	2	5%	

2013 GBRA Youth Ag Fair



Well Educated!!!

Next PCWP Steering Committee Meeting

Thursday, May 8, 2014

6:30 to 8:00 pm

Lockhart State Park, Lockhart

Thanks!



Nick Dornak,
Plum Creek Watershed Coordinator

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