

Guadalupe River Basin Clean Rivers Program

2006

Steering
Committee Meeting



Guadalupe River Basin Clean Rivers Program

2006 Activities and Deliverables

Project Administration:

Progress Reports and Invoicing

Management of Sub-Agreement with

UGRA

Attendance on CRP meetings

Guadalupe River Basin Clean Rivers Program

2006 Activities and Deliverables

Quality Assurance:

Develop and maintain Quality Assurance Project Plan

Coordinated Monitoring Meetings

Guadalupe River Basin Clean Rivers Program

2006 Activities and Deliverables

Water Quality Monitoring:

- 19 Monitoring Sites – Monthly (GBRA)
- 7 Monitoring Sites – Quarterly (GBRA)
- 3 Special monitoring – Bimonthly (GBRA)
- 10 Monitoring Sites – Quarterly (UGRA)
- 7 Sites Biological/Habitat Assessments—Annual (GBRA and UGRA)
- 8 Sites Metals – Annually (GBRA and UGRA)
- 19 Sites E. coli – Weekly, May thru August (UGRA)
- 2 Diurnal sites – GBRA and Wimberley Valley
- 7 Monitoring sites – Monthly, March thru Oct (WVWA)

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2006 Activities and Deliverables

Water Quality Monitoring (cont.):

Bimonthly monitoring on Peach Creek at FM 1680

Bimonthly monitoring at Coletto Creek at Arnold Rd.
and at Perdido Creek

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Water Quality Monitoring (cont.):

Special Nutrient study on Lakes Dunlap and
McQueeney

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Data Management and Watershed Inventories:

Submit data files to TCEQ monthly

Data available on website in Excel or PDF

Events Inventory

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2006 Activities and Deliverables

Data Analysis and Reporting:

Basin Highlights Report

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Public Participation and Outreach:

Website

Texas Watch

Landowners Education Brochure –

“Don’t be Clueless”

Presentations

Guadalupe River Basin Clean Rivers Program

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Special Studies:

None planned for 2006

Guadalupe River Basin Clean Rivers Program

- 2006-07 Budget

\$286,682

Highlights of 2006-07 Work Plan

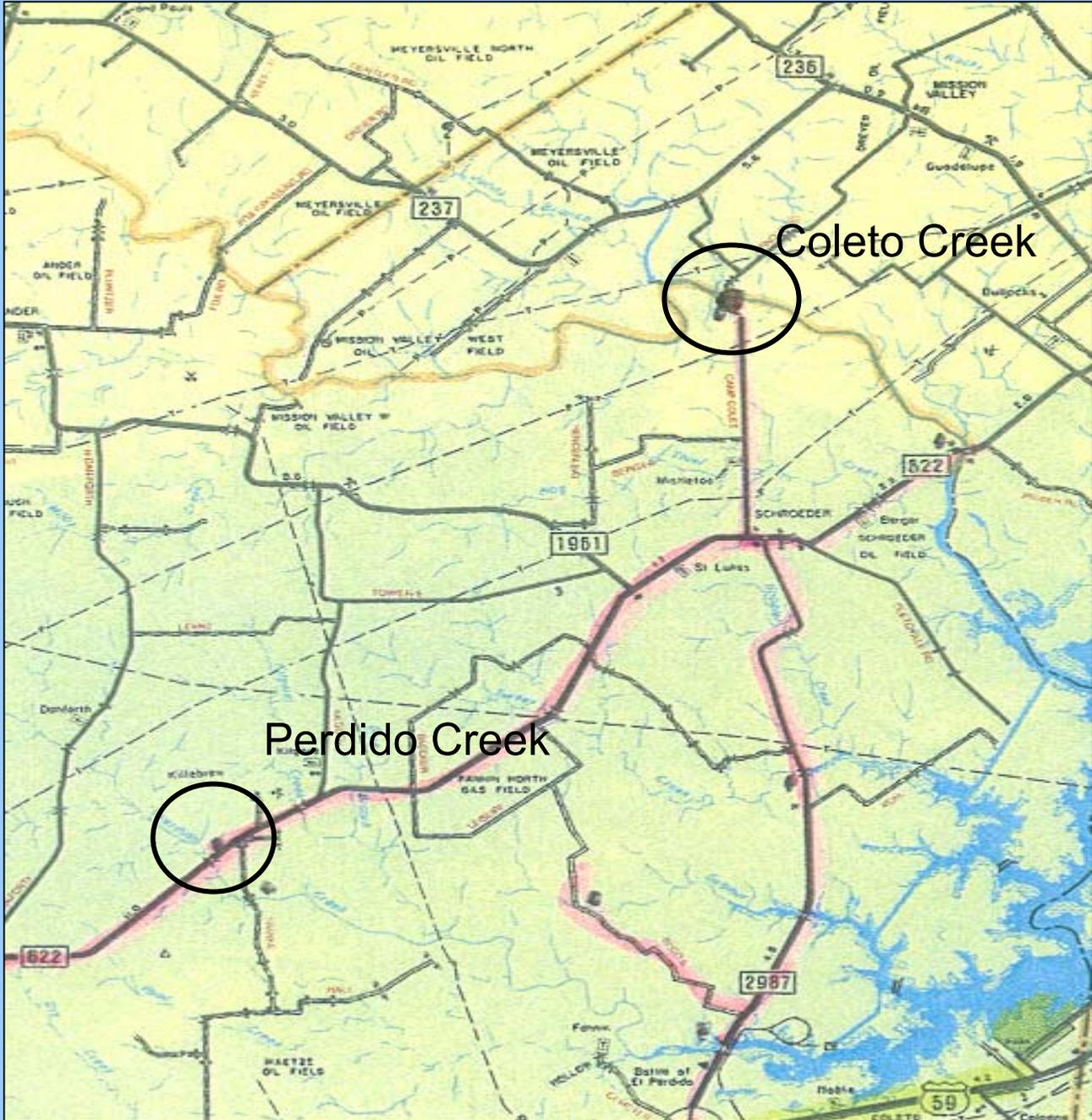
Systematic sites added to Perdido Creek and Coletto Creek due to potential water quality impacts from oil field activities (bimonthly)



Perdido Creek



Coletto Creek at Arnold Road



Coleta Creek

Perdido Creek

Highlights of 2006-07 Work Plan

Continue to work with participants in program

Village of Wimberley



UGRA



Highlights of 2006-07 Work Plan

Diurnal monitoring on Lake McQueeney



Lake McQueeney at Hot Shots

Highlights of 2006-07 Work Plan

Landowner educational brochure

Watershed Awareness: *Just the Facts!*

Exercise your rights and your responsibility to be *"In the Know"* about watersheds.

First of all, what is a "Watershed"?

A watershed is the area of land that drains into a specific water body. You live in one of the many mini-watersheds that make up the Guadalupe River Basin – one of the most beautiful in the state of Texas.

What do you REALLY need to know about watersheds?

You need to know that your actions can have an impact on the water quality (how clean the water is) in your watershed. Whether you know it or not, you can leave 'footprints' that can have a detrimental effect on how clean the water in the river is.... And this is water that is used by thousands of folks for drinking water. It is also used for agriculture, industry and recreation.



Highlights of 2006-07 Work Plan

Coordinate with other monitoring projects

- TSSWCB Plum Creek Watershed Protection Plan
- Total Maximum Daily Load Projects
- Special studies

Events Inventory 2005

Major natural gas pipeline exposed in Guadalupe River
south of Victoria



Major natural gas pipeline exposed in Guadalupe River south of Victoria

- 30 foot segment of 26-inch carbon steel pipeline
- Installed in 1950
- Exposed by changing river currents
- Carries natural gas to New York City from South Texas
- Repairs completed in June/July 2005
- Approved by US Army Corps of Engineers
- Installed weirs to redirect current from bank, revegetated bank, concrete mats over exposed pipe
- Have inspected since and see evidence of current changes, no excess silt to stream

Events Inventory 2005

- Leaking oil field storage tanks located on Hog Creek in Goliad County



Events Inventory 2005

Shooting range to open in Kerr County, along Cypress Creek



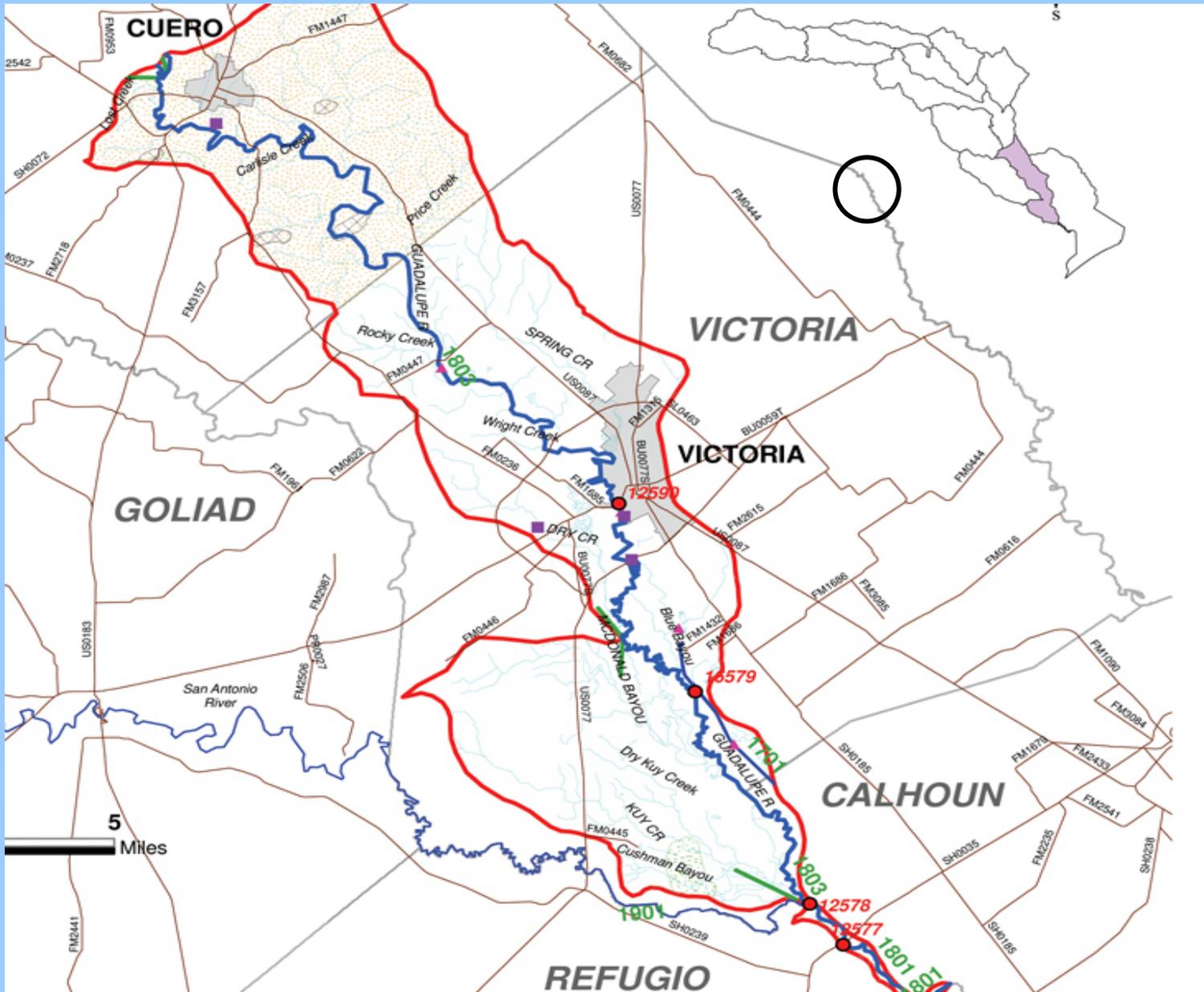
Foes of Hill Country gun range take new tack to try to silence it



Events Inventory 2005

Permit to land apply WWTP sludge on Arenosa Creek Ranch in Victoria County

- water and wastewater treatment plant sludge to be applied to 793.4 acres
- beneficial land use
- in hearing stage now



Events Inventory 2005

Lift station overflow on Geronimo Creek releases approx. 800,000 gallons of raw wastewater into creek





Geronimo Creek at WWTP



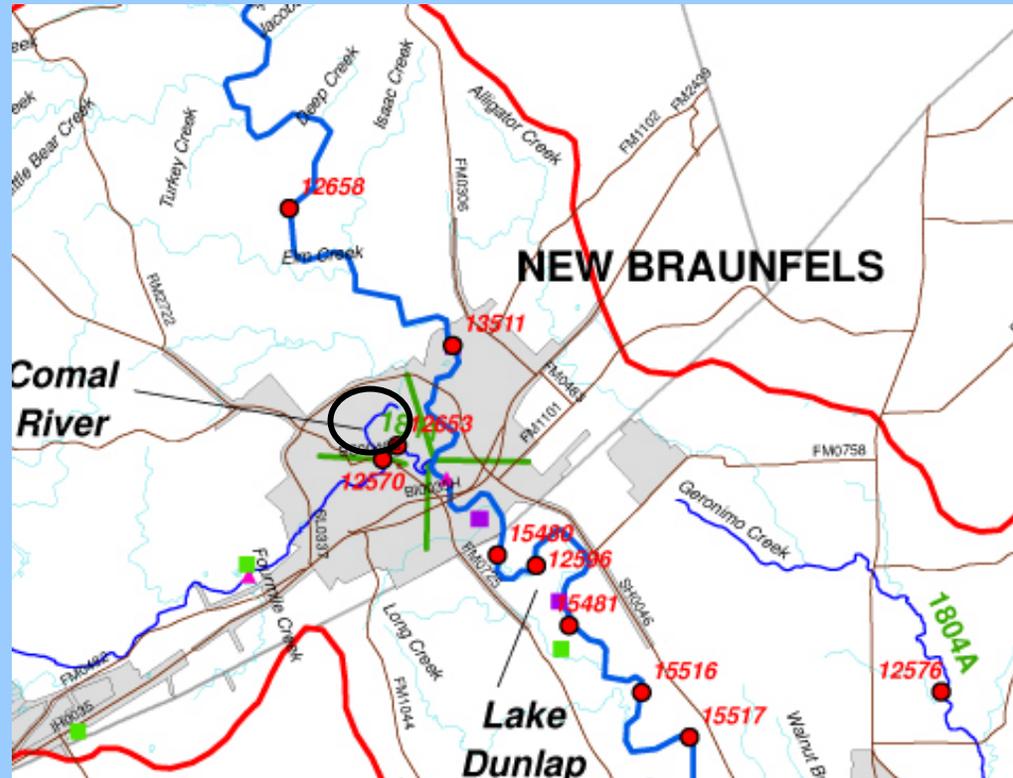
Geronimo Creek dwnstrm



Guadalupe River at
FM1117

Events Inventory 2005

- Complaints continue on plant material coming from Landa Lake



Ram's Horn Snail
Planorbis species

Phylum: Mollusca
Class: Gastropoda
Order: Pulmonata



Events Inventory 2005

- New Texas Watch monitoring group forms in Kerr and Gillespie Counties – Will monitor water leaving Old Tunnel, home to over 3 million Mexican free-tailed bats



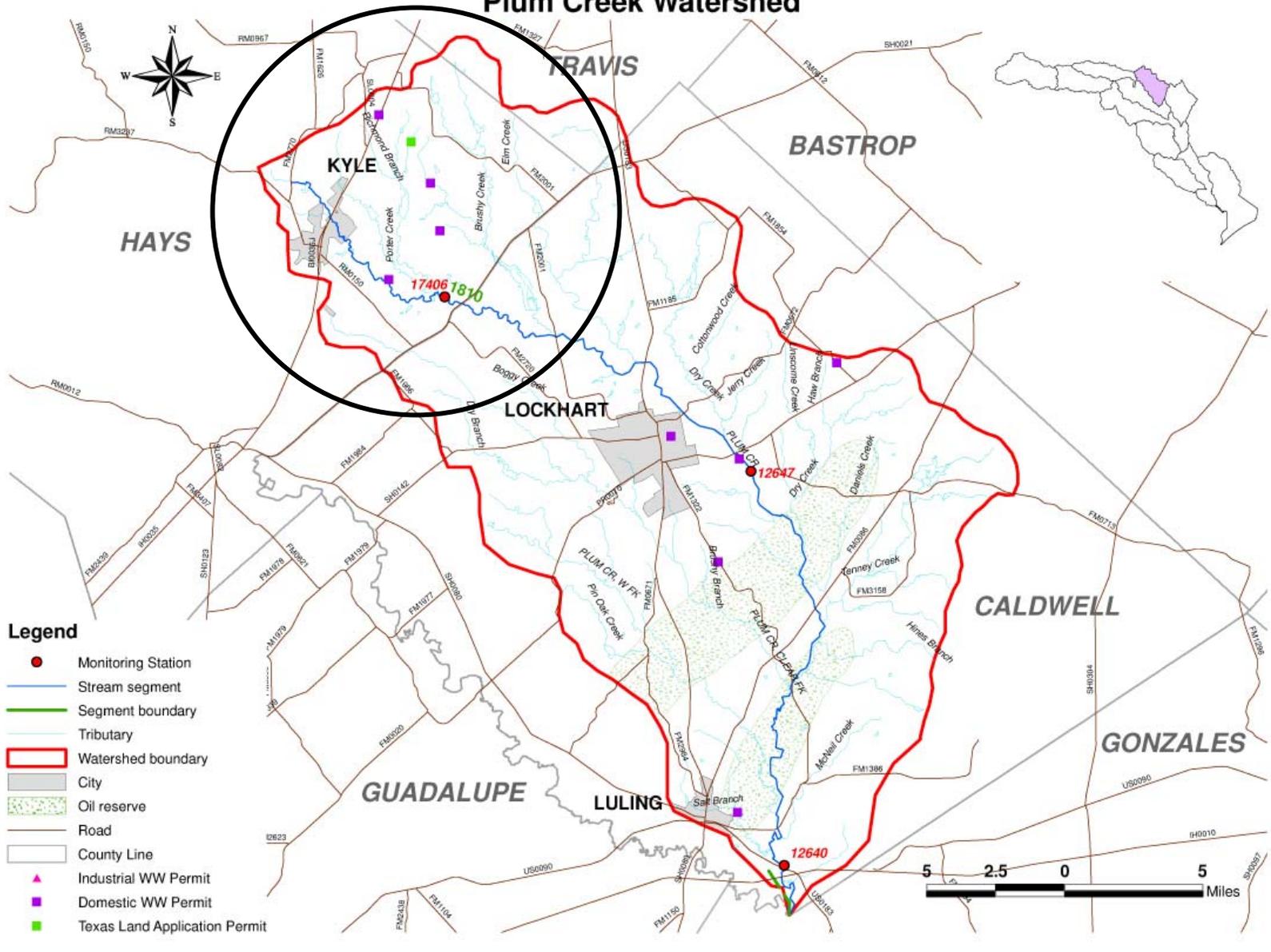
Old Tunnel Wildlife Management Area

- Gillespie County near Fredricksburg
- Home to 3 million Mexican Free-Tailed Bats
- Texas Watch monitoring group to do special project

Events Inventory 2005

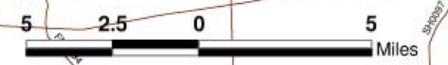
- Compact in Eastern Hays County
 - Result of Regional Wastewater Feasibility Study funded by the Texas Water Development Board, GBRA and Hays County
 - Three scenerios were studied – no action, two regional plants and five smaller plants (multiple)
 - The multiple plant scenerio would have greater reuse potential, lowest cost per LUE
 - Recommended development and implementation of a Regional Water Quality Protection Compact

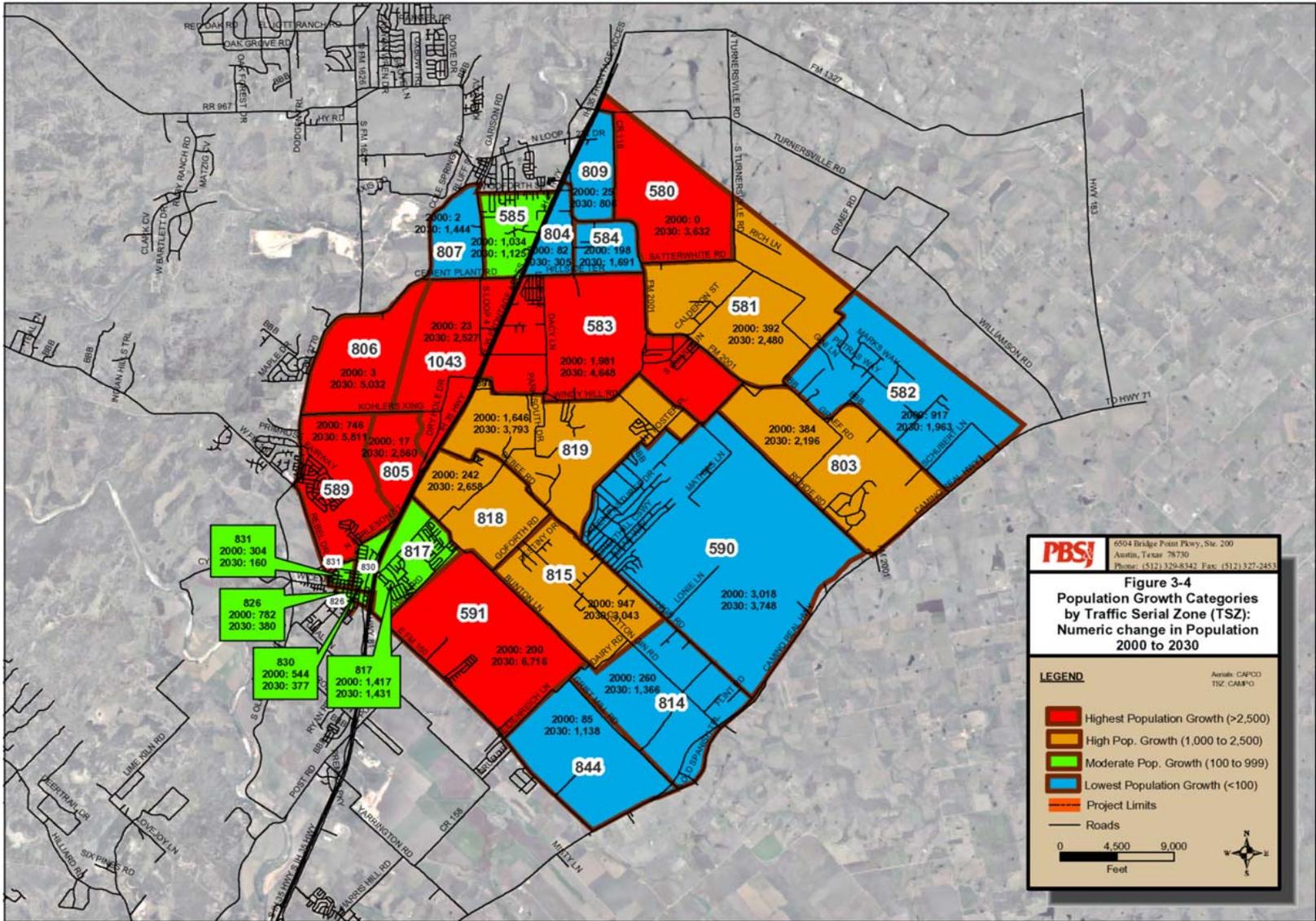
Plum Creek Watershed



Legend

- Monitoring Station
- Stream segment
- Segment boundary
- Tributary
- Watershed boundary
- City
- Oil reserve
- Road
- County Line
- ▲ Industrial WW Permit
- Domestic WW Permit
- Texas Land Application Permit





EAST HAYS COUNTY WASTEWATER COMPACT

Whereas the parties to this compact, the cities of Buda, Niederwald, Uhland and Kyle, Hays County and the Guadalupe-Blanco River Authority (GBRA) all function in East Hays County (EHC), and

Whereas all parties share common interests in:

- the protection of water quality,
- the beneficial reuse of water to the extent practical,
- minimizing reliance on On-Site Sewage Facilities (OSSFs),
- the provision of high quality and cost-effective water and wastewater services,

EAST HAYS COUNTY WASTEWATER COMPACT

- Encourage centralized wastewater systems
- Public rather than private entity
- Encourage 5-5-2-1 effluent quality
- Minimize potable water for irrigation
- Review of proposed wastewater projects
- May oppose permit that refuses to follow the provisions of the Compact

