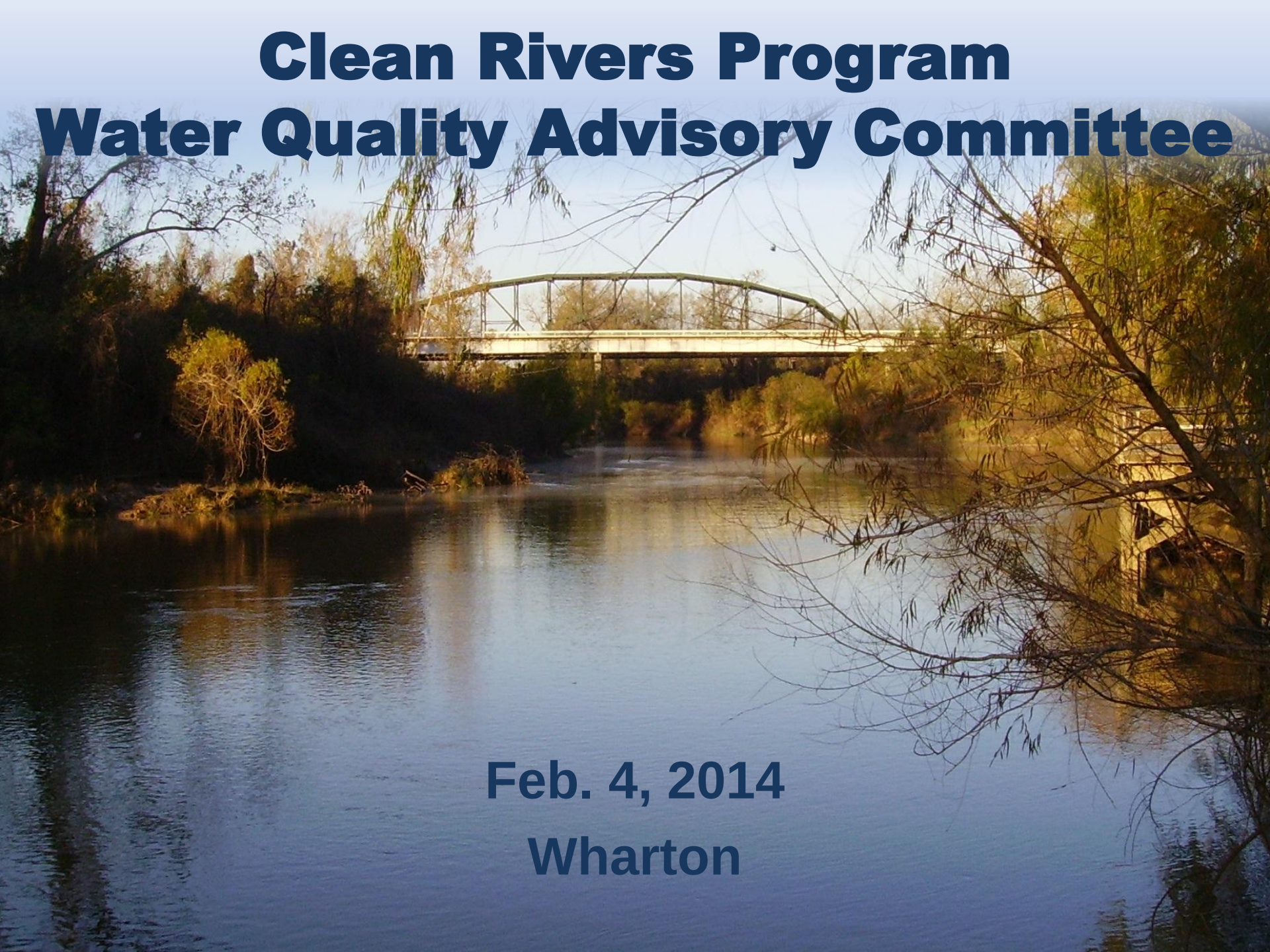
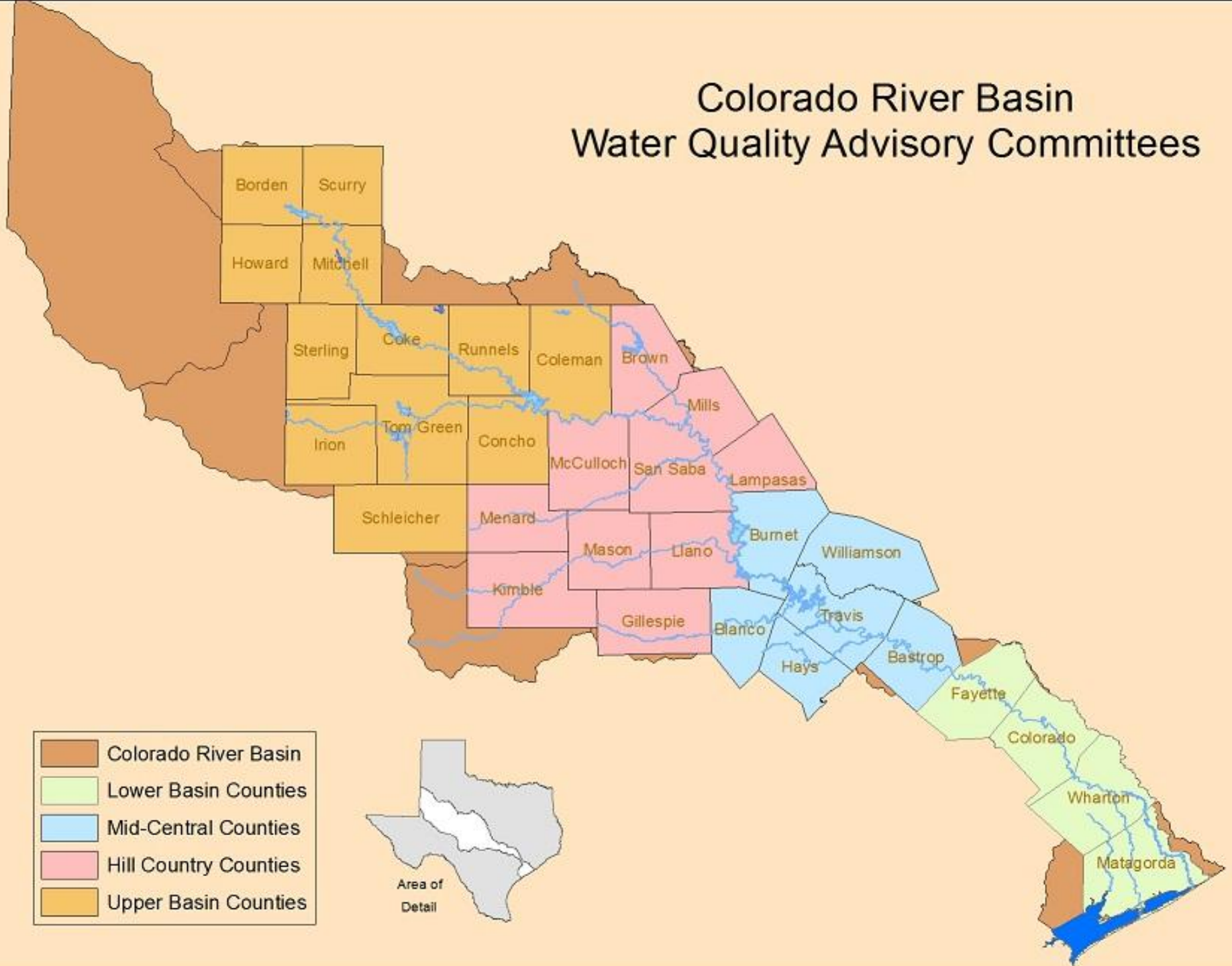
Clean Rivers Program
Water Quality Advisory Committee



Feb. 4, 2014

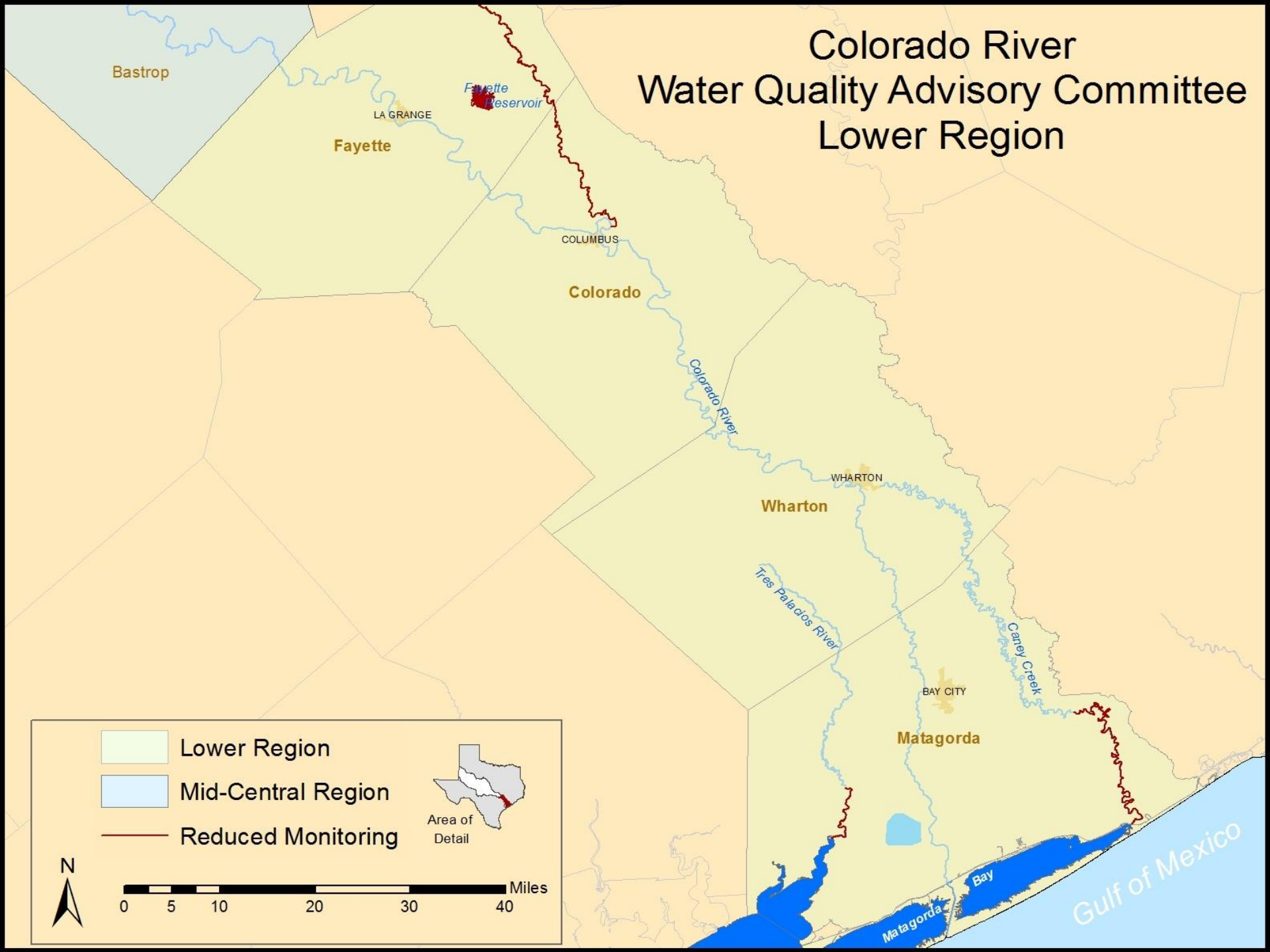
Wharton

Colorado River Basin
Water Quality Advisory Committees



Budget Update

- $67,894 reduction in funding
- Biological monitoring program cut
- 17 fewer monitoring sites in the basin
- Six fewer sites in the lower basin
    - Cummins Creek (2)
    - Fayette Reservoir (2)
    - Caney Creek
    - Tres Palacios River

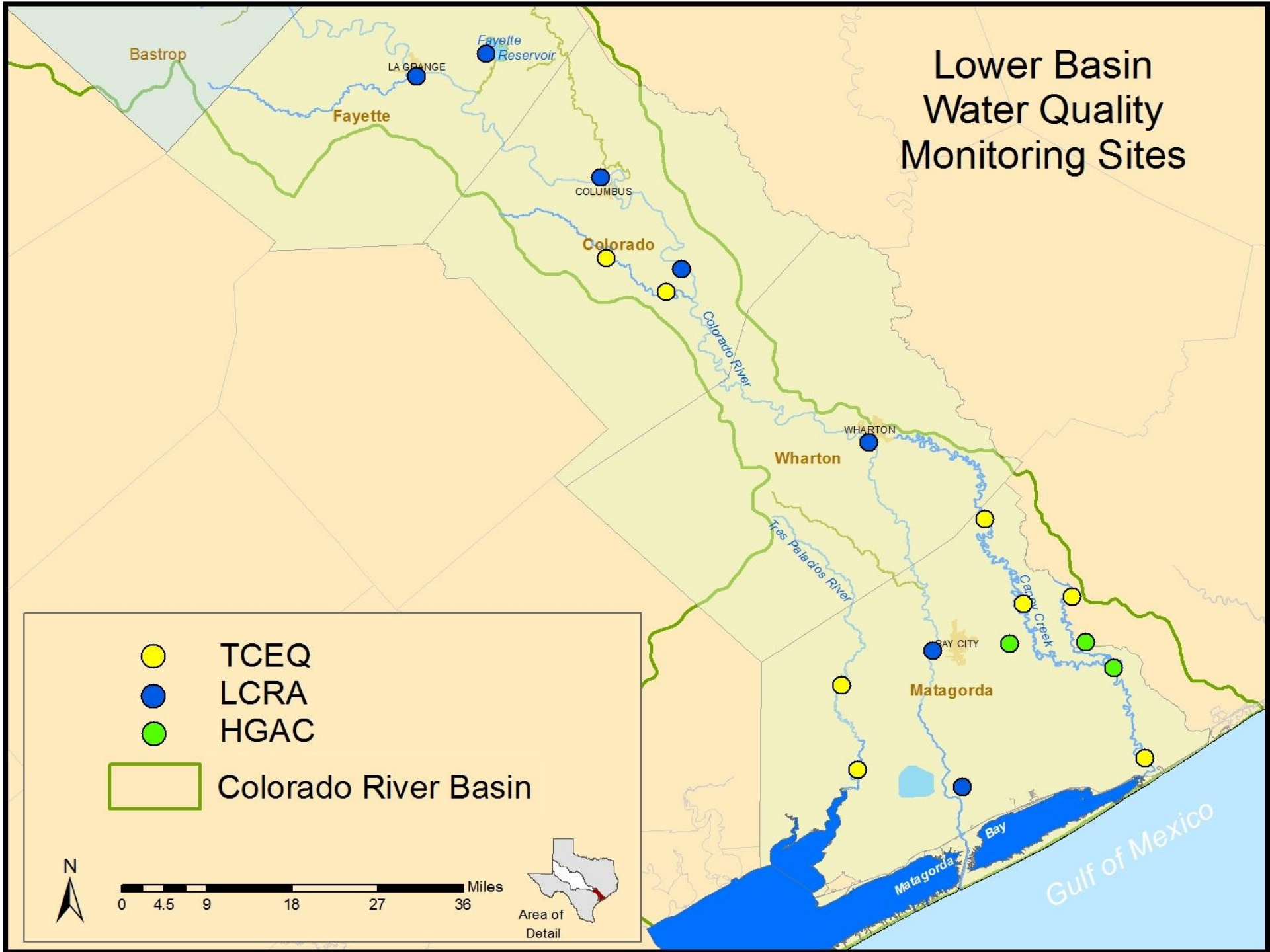

Colorado River
Water Quality Advisory Committee
Lower Region
Bastrop
Fayette
Reservoir
LA GRANGE
Fayette
COLUMBUS
Colorado
Colorado River
WHARTON
Wharton
Tres Palacios River
Caney Creek
BAY CITY
Matagorda
Bay
Matagorda
Gulf of Mexico
Lower Region
Mid-Central Region
Reduced Monitoring
Area of Detail
N
Miles
0
5
10
20
30
40

Monitoring Update

LCRA monitors 58 sites basin wide

Monitoring in the lower four counties:

- TCEQ 8
- LCRA 7
- HGAC 3


Lower Basin
Water Quality
Monitoring Sites
Bastrop
Fayette
Fayette Reservoir
LA GRANGE
COLUMBUS
Colorado
Colorado River
WHARTON
Wharton
Tres Palacios River
Caney Creek
BAY CITY
Matagorda
Matagorda Bay
Gulf of Mexico
TCEQ
LCRA
HGAC
Colorado River Basin
N
Miles
0 4.5 9 18 27 36
Area of Detail

How's the water?

Monitoring parameters

- Dissolved oxygen
- Bacteria
- Nutrients
- Salts (chloride, sulfate and TDS)
- pH

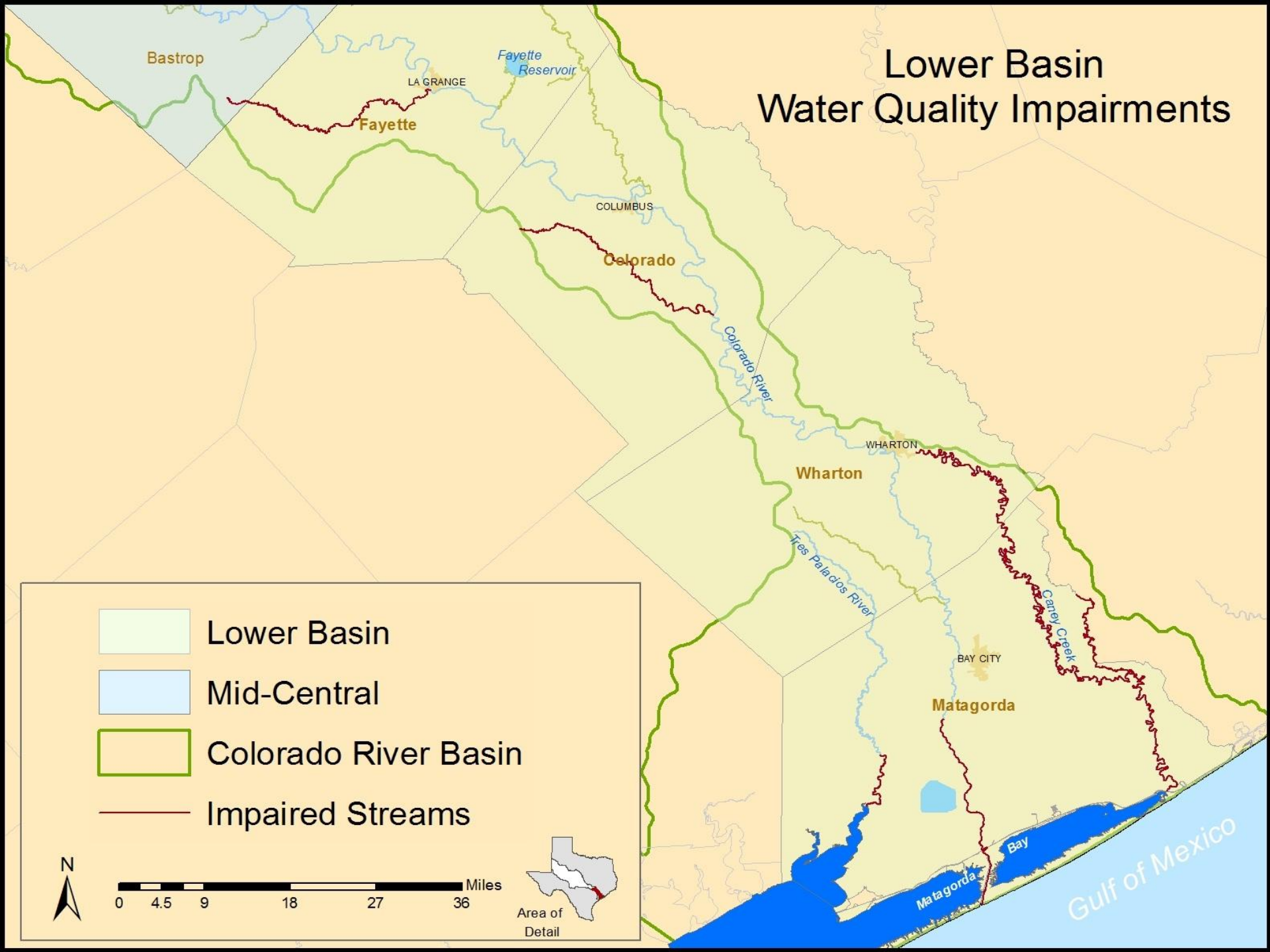
How's the water?

Summary of Impairments

River Basin	Water Bodies Assessed by TCEQ	Number of impairments	% Impaired
Colorado	95	21	22
Brazos	191	84	44
Trinity	119	46	39

Based on the 2012 303(d) List approved by EPA in May, 2013

7 of the 21 impaired water bodies in the Colorado River basin are in the lower basin


Lower Basin
Water Quality Impairments
Bastrop
Fayette
Reservoir
LA GRANGE
Fayette
COLUMBUS
Colorado
Colorado River
WHARTON
Wharton
Tres Palacios River
Carney Creek
BAY CITY
Matagorda
Bay
Matagorda
Gulf of Mexico
Lower Basin
Mid-Central
Colorado River Basin
Impaired Streams
N
0
4.5
9
18
27
36
Miles
Area of
Detail

Skull Creek

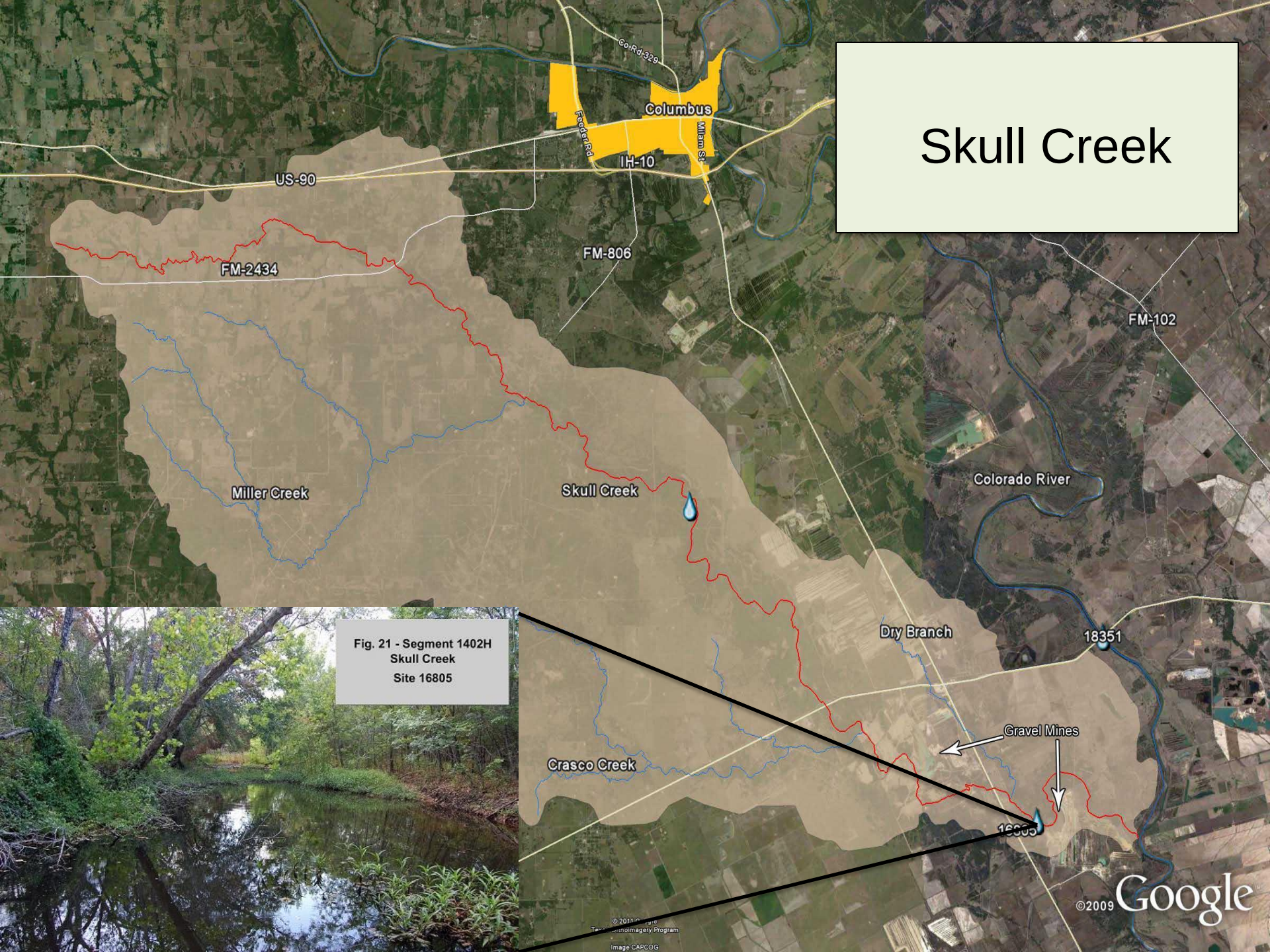
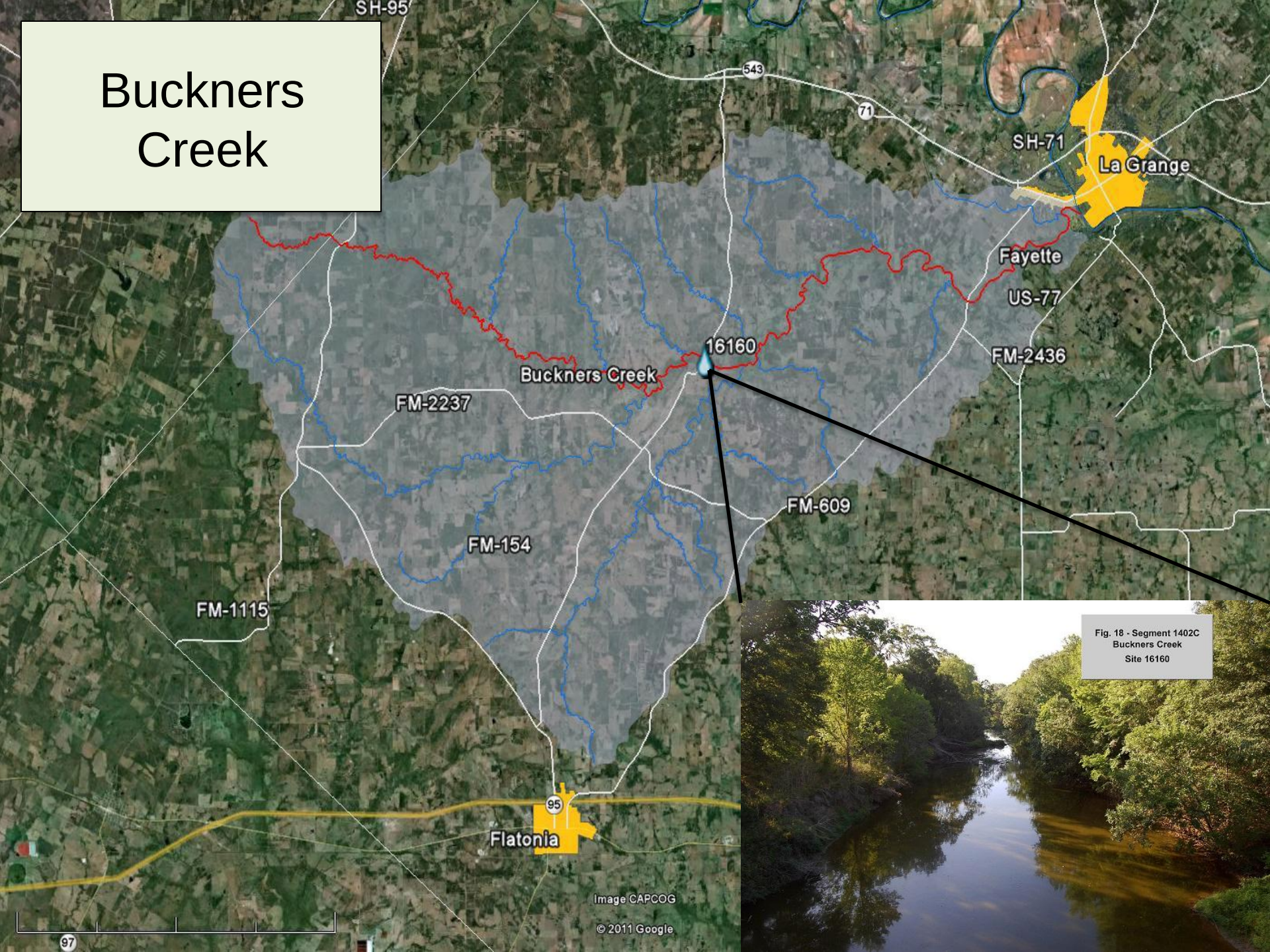
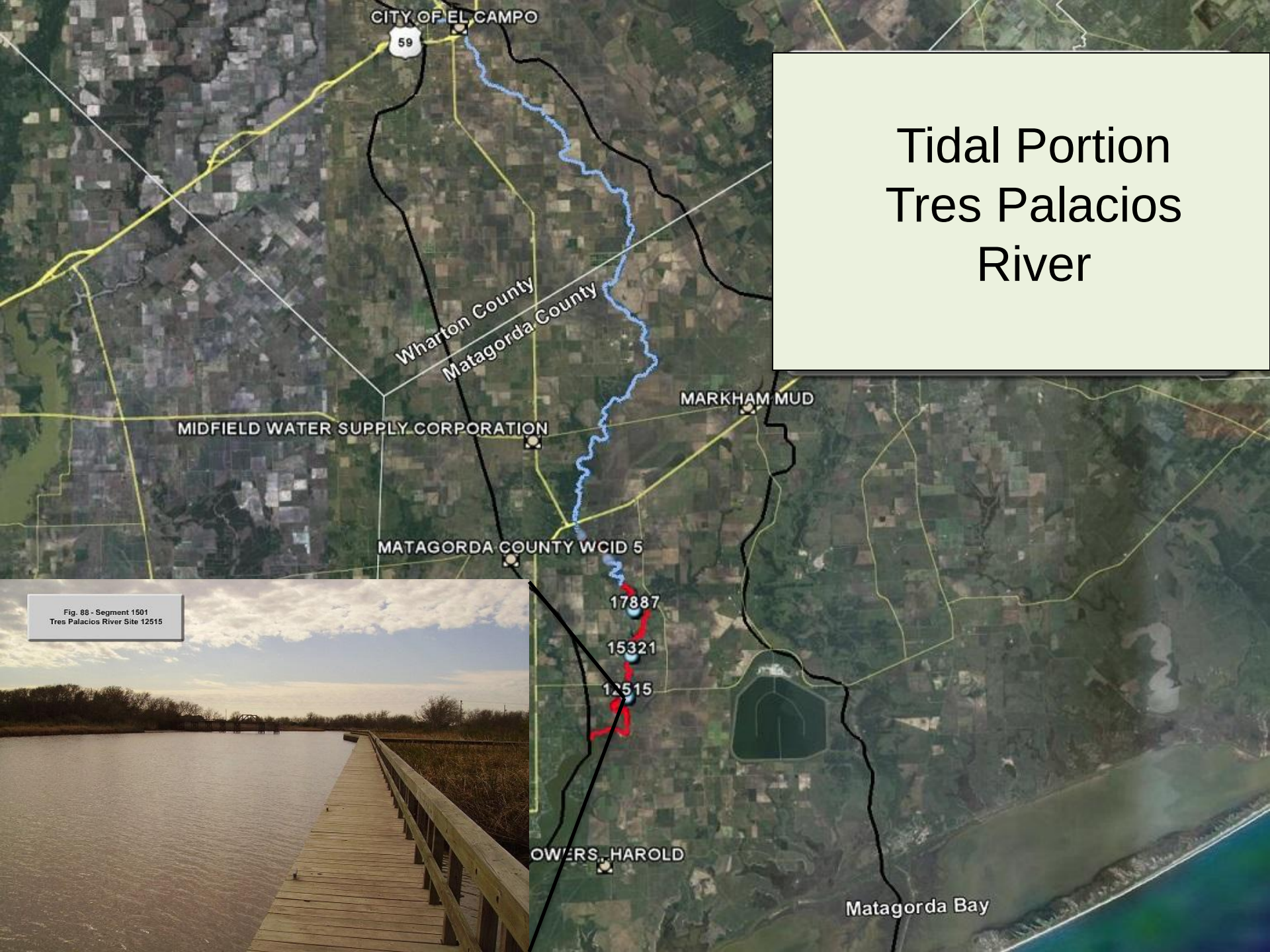


Fig. 21 - Segment 1402H
Skull Creek
Site 16805

Buckners Creek

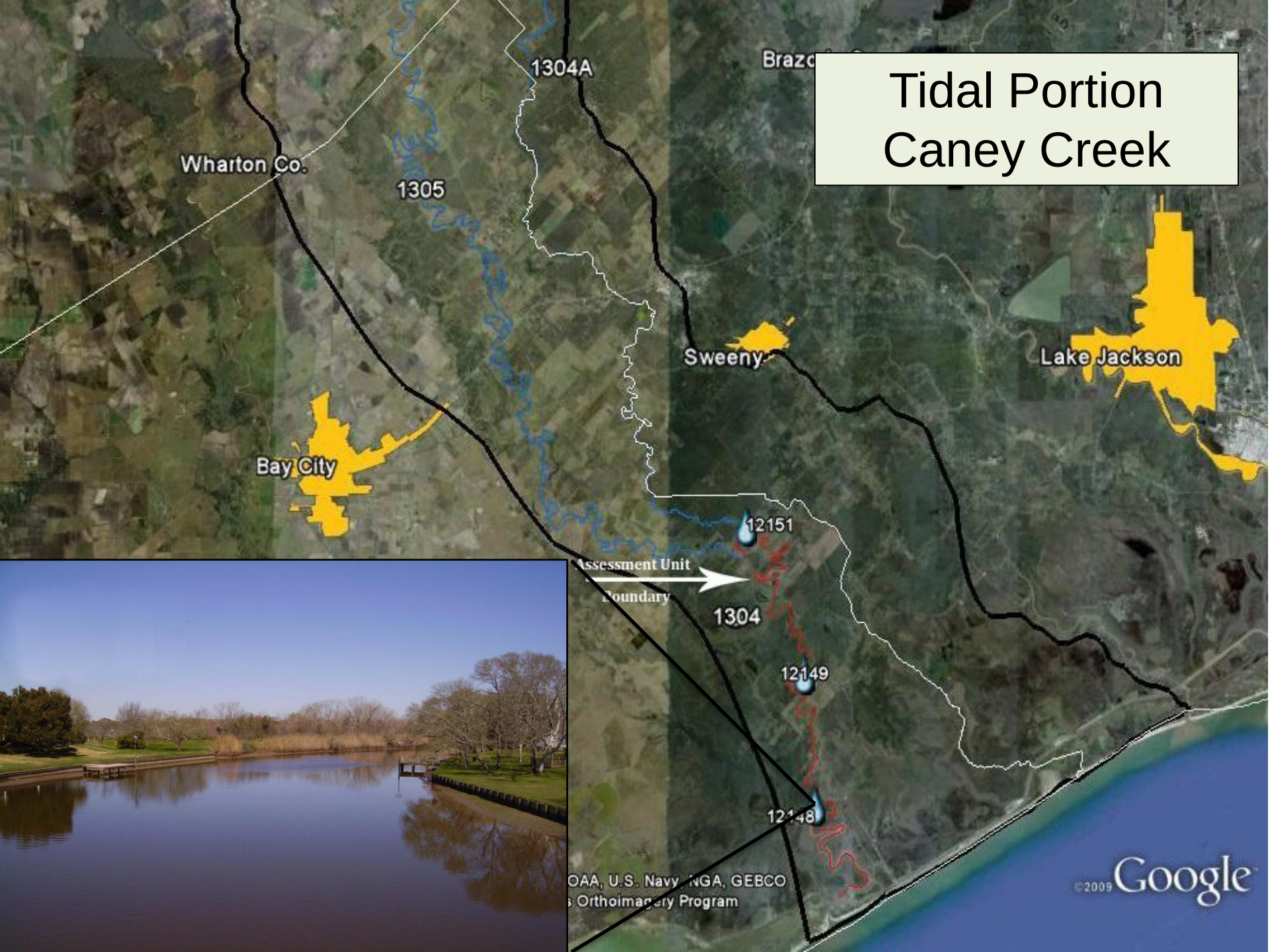


Tidal Portion Tres Palacios River



Tidal Portion Colorado River

Tidal Portion Caney Creek



Caney Creek

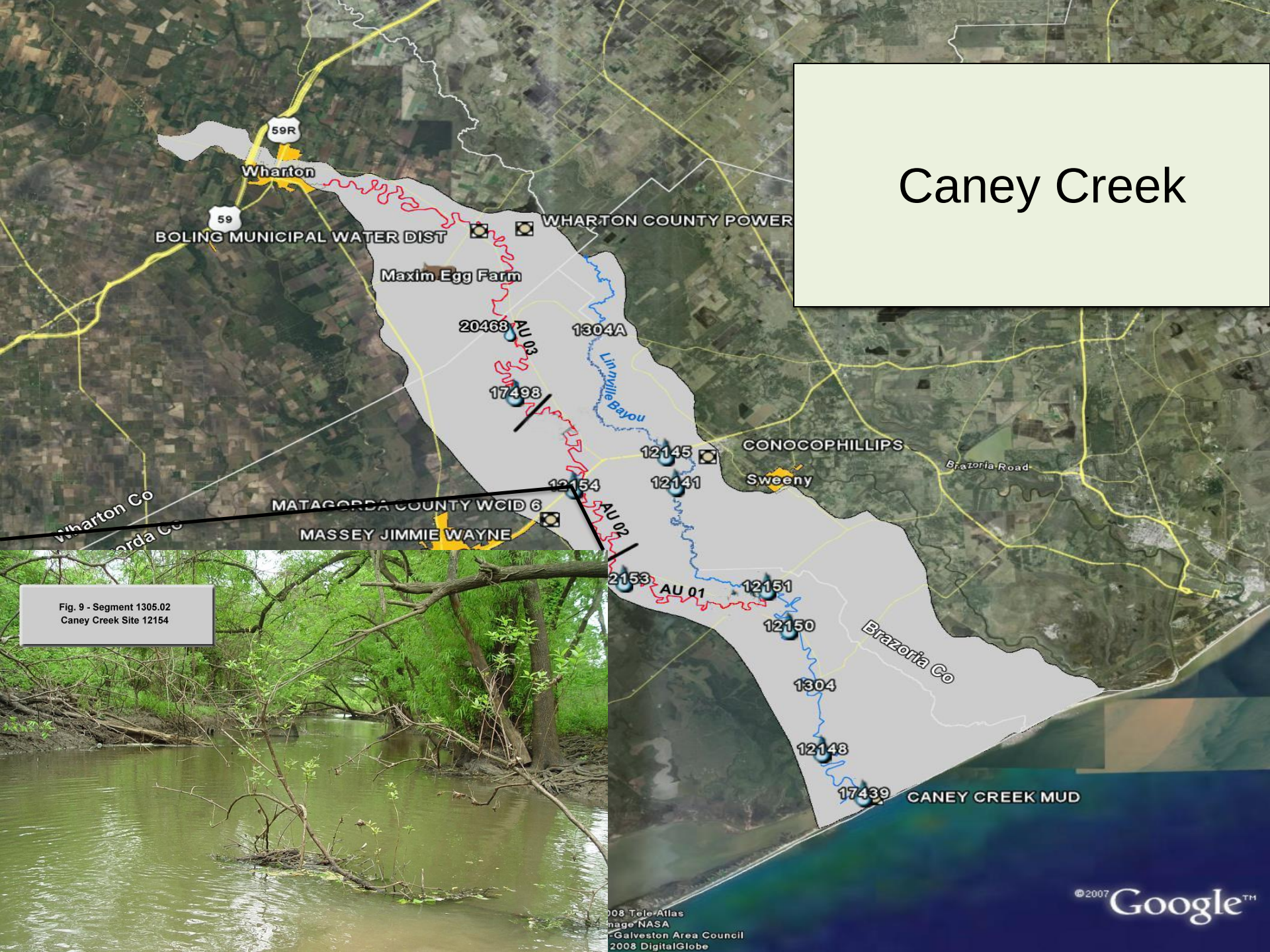
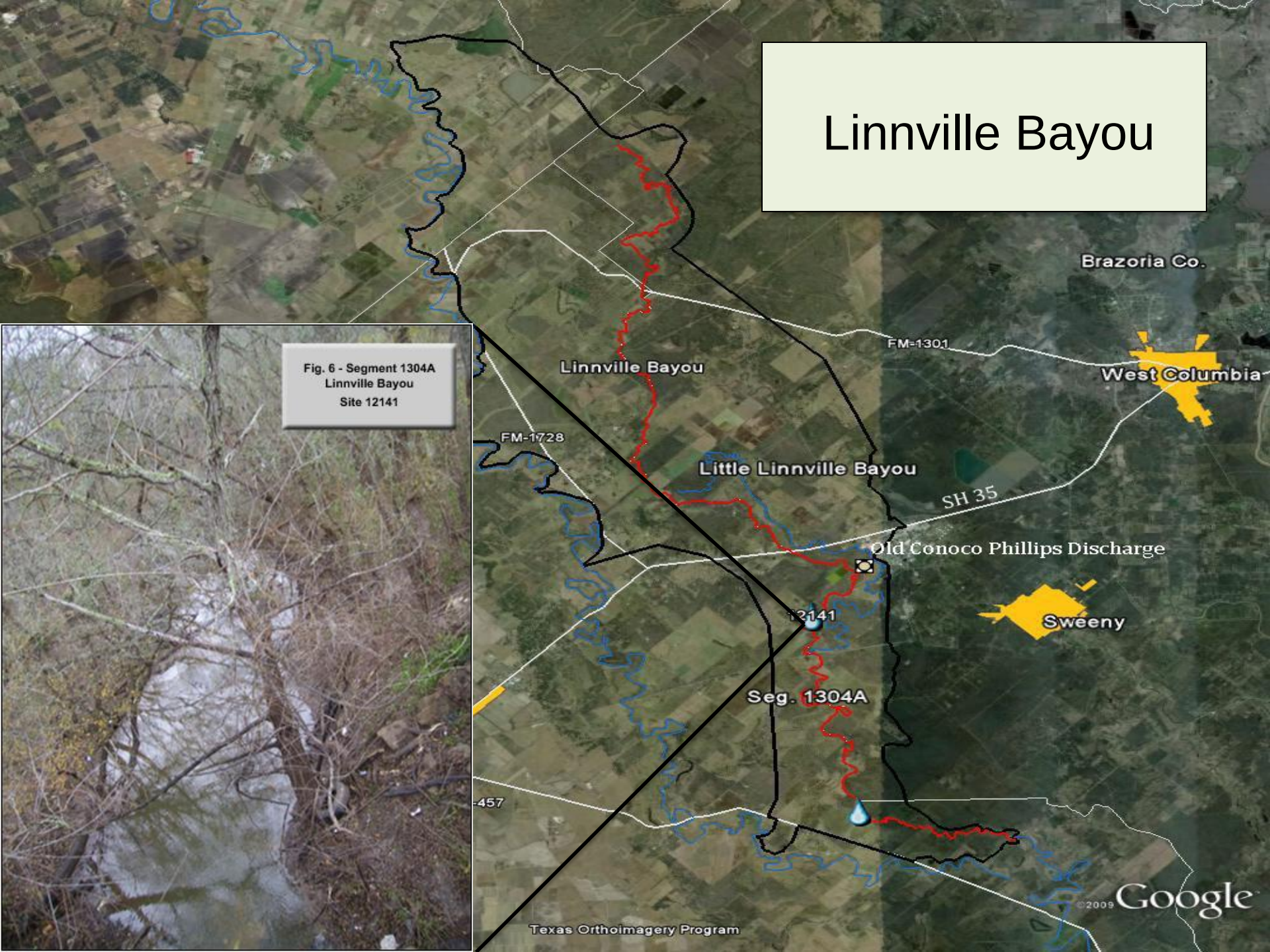


Fig. 9 - Segment 1305.02
Caney Creek Site 12154

Linnville Bayou



Impairment Summary

Water Body	Parameter	Action Taken
Skull Creek	Dissolved Oxygen	Biomonitoring Use Analysis
Buckners Creek	Dissolved Oxygen	None
Tres Palacios River (tidal)	Bacteria	None
Colorado River (tidal)	Bacteria	None
Caney Creek (tidal)	Bacteria	None
Caney Creek	Bacteria Dissolved Oxygen	Cont. Rec. Use Analysis Biomonitoring - Use Analysis
Linnville Bayou	Bacteria	None

Meeting Wrap-up

- Draft 2014 WQI expected any day
- 2014 Basin Highlights Report due Feb. 15