



**Water Bodies Not Meeting
State Criteria
and
FY2013 Proposed Monitoring**



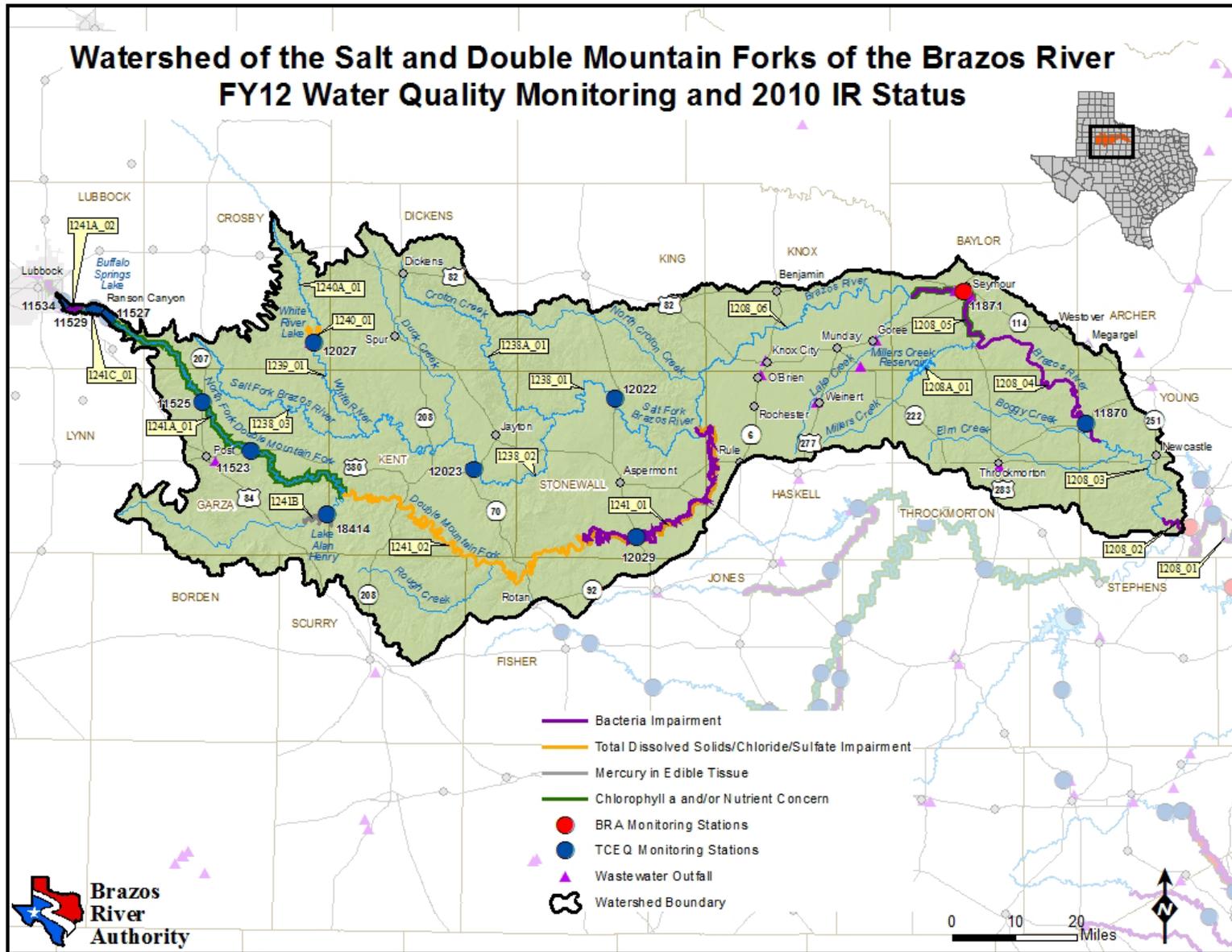
Impairments - Basin Overview

- Out of a total of 190 segments evaluated...
- 17 classified segments and 68 unclassified waterbodies are listed as impaired on the 2010 303(d) List ($\approx 45\%$)
- 12 classified segments and 62 unclassified waterbodies are listed as impaired for elevated bacteria ($\approx 39\%$)
- 4 classified segments and 6 unclassified waterbodies are listed for dissolved oxygen Impairment ($\approx .04\%$)
- 5 classified segments are listed as impaired for chloride, sulfate and/or TDS ($\approx .03\%$)
- 31 classified segments and 56 unclassified waterbodies are identified as having concerns based on screening levels for algal growth and/or elevated nutrients ($\approx .46\%$)

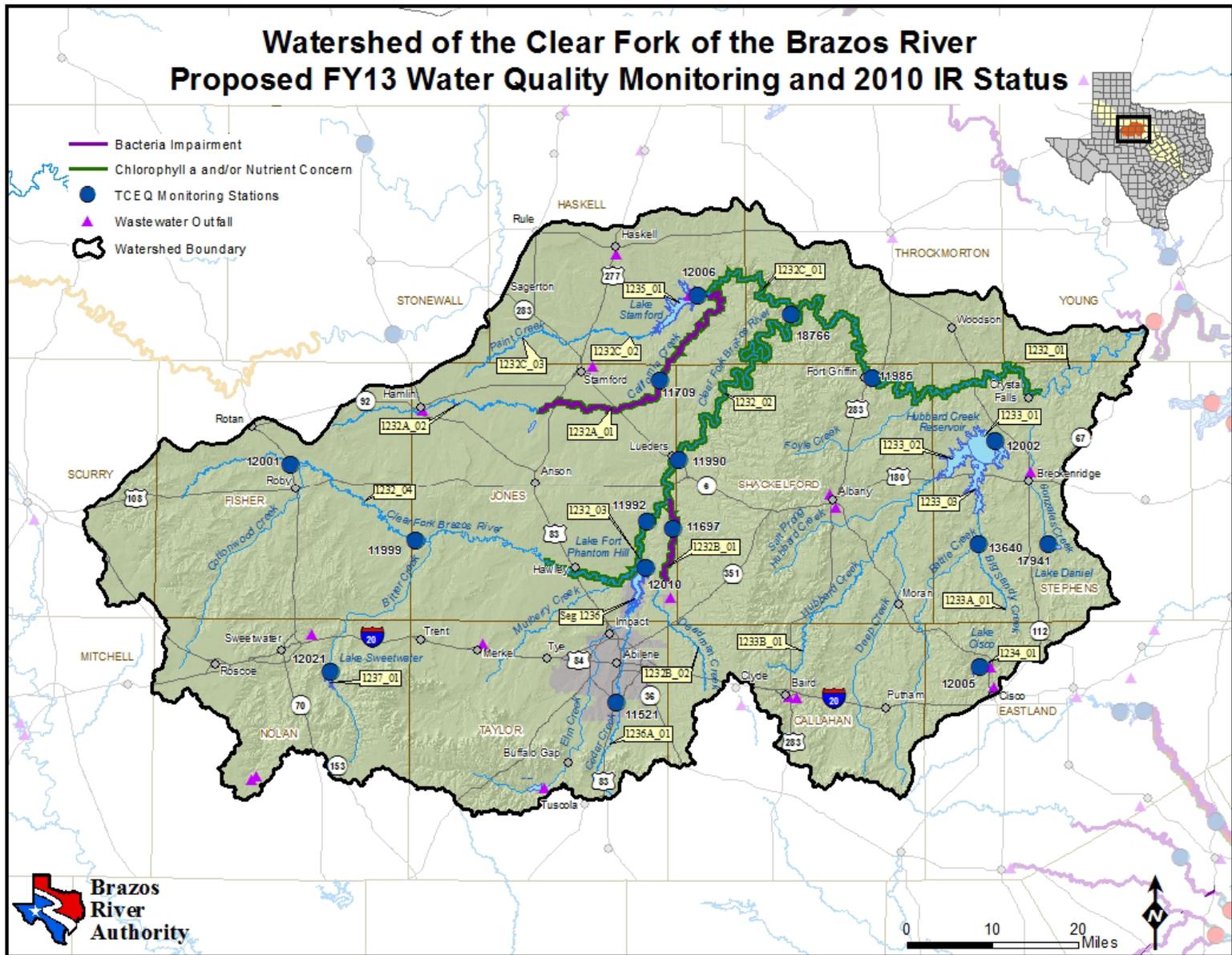


General Monitoring Goals

- **Maintain a large monitoring effort throughout the Basin**
- **In FY2012, BRA monitored 129 routine stations excluding any special studies. In FY2013, BRA proposes to monitor 114 routine stations.**
- **Reduce monitoring at some unclassified streams where conditions have not changed much over time**
- **Increase our biological monitoring effort in support of the Texas Instream Flow Program and to collect additional 24-hr DO data on the Brazos mainstem**
- **Focus on collecting low-level nutrient data at select stations**
- **Discontinue quarterly sampling for metals, VOCs and SVOCs**



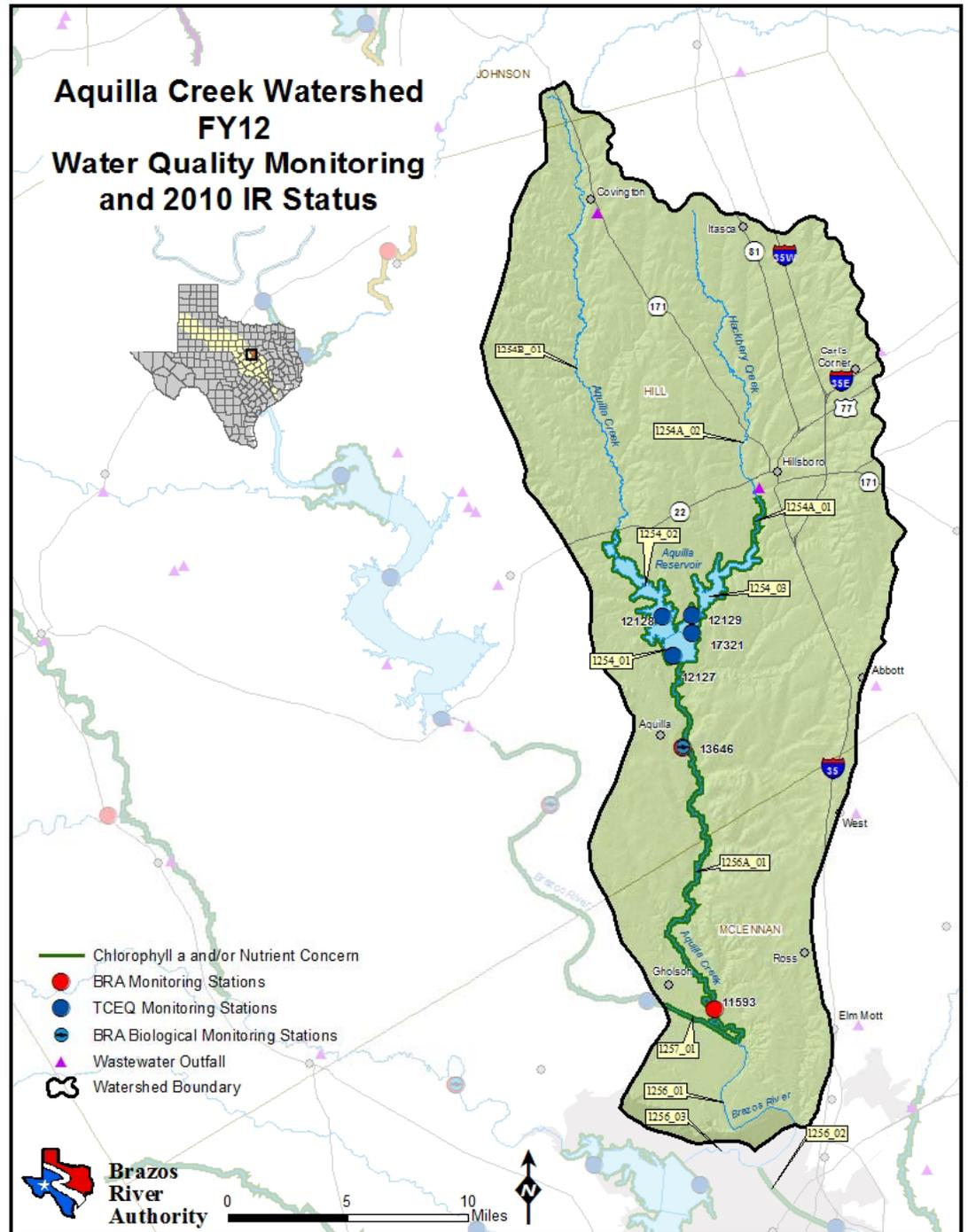
- 3 Bacteria - 2 TDS/Chloride/Sulfate - 1 Mercury - 3 Nutrient/Chl a
- An RUAA has been completed and released for public comment for 1208 - Brazos River above Possum Kingdom Lake



- Dropping Clear Fork at US 180, and at US 83
- Adding Lake Daniel, Cedar Creek, Lake Sweetwater

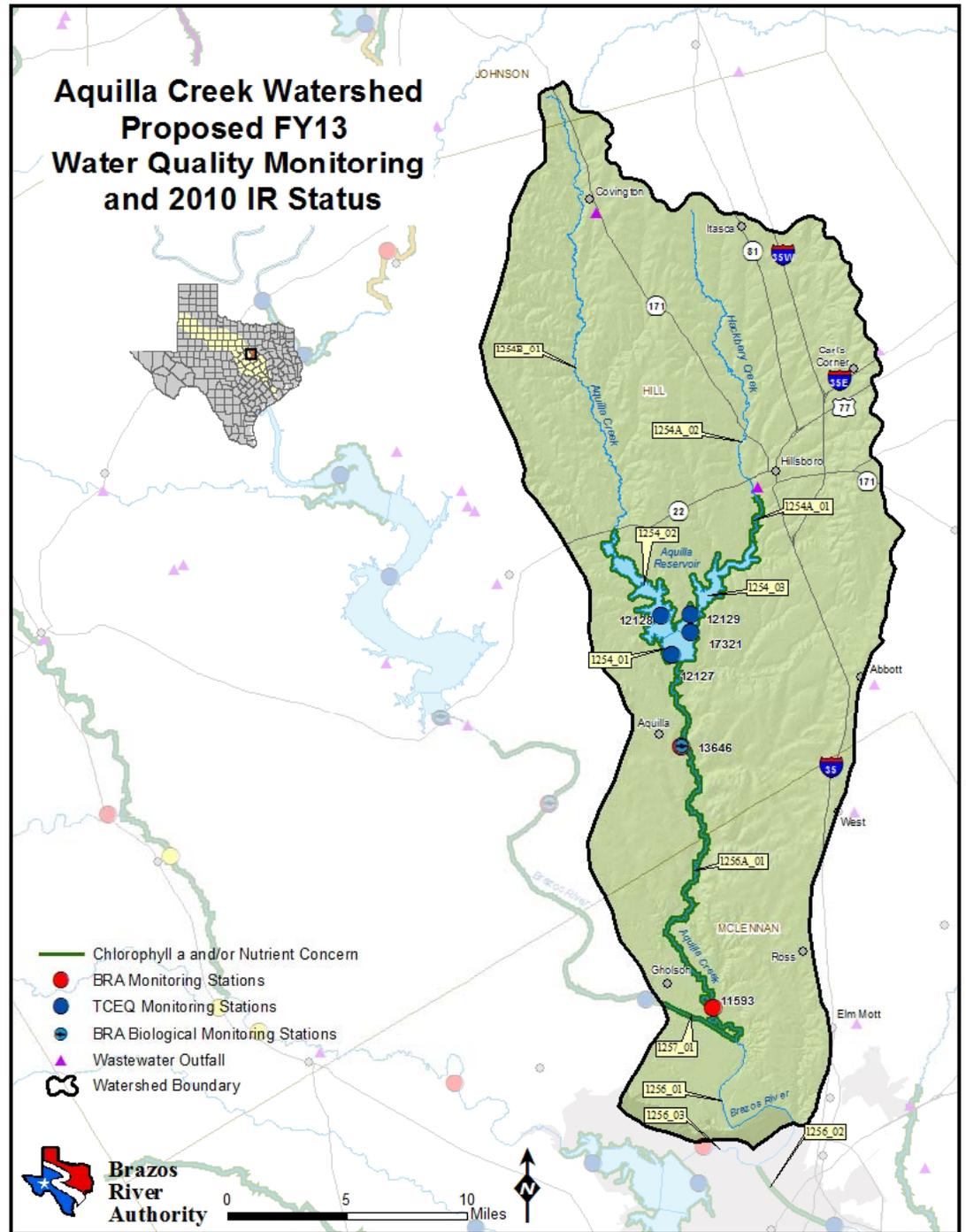


- No impairments in this watershed
- 3 Nutrient/Chl a





- No monitoring changes in FY2013
- Will complete biological monitoring in support of TIFP on Aquilla Creek in FY2012 and FY2013

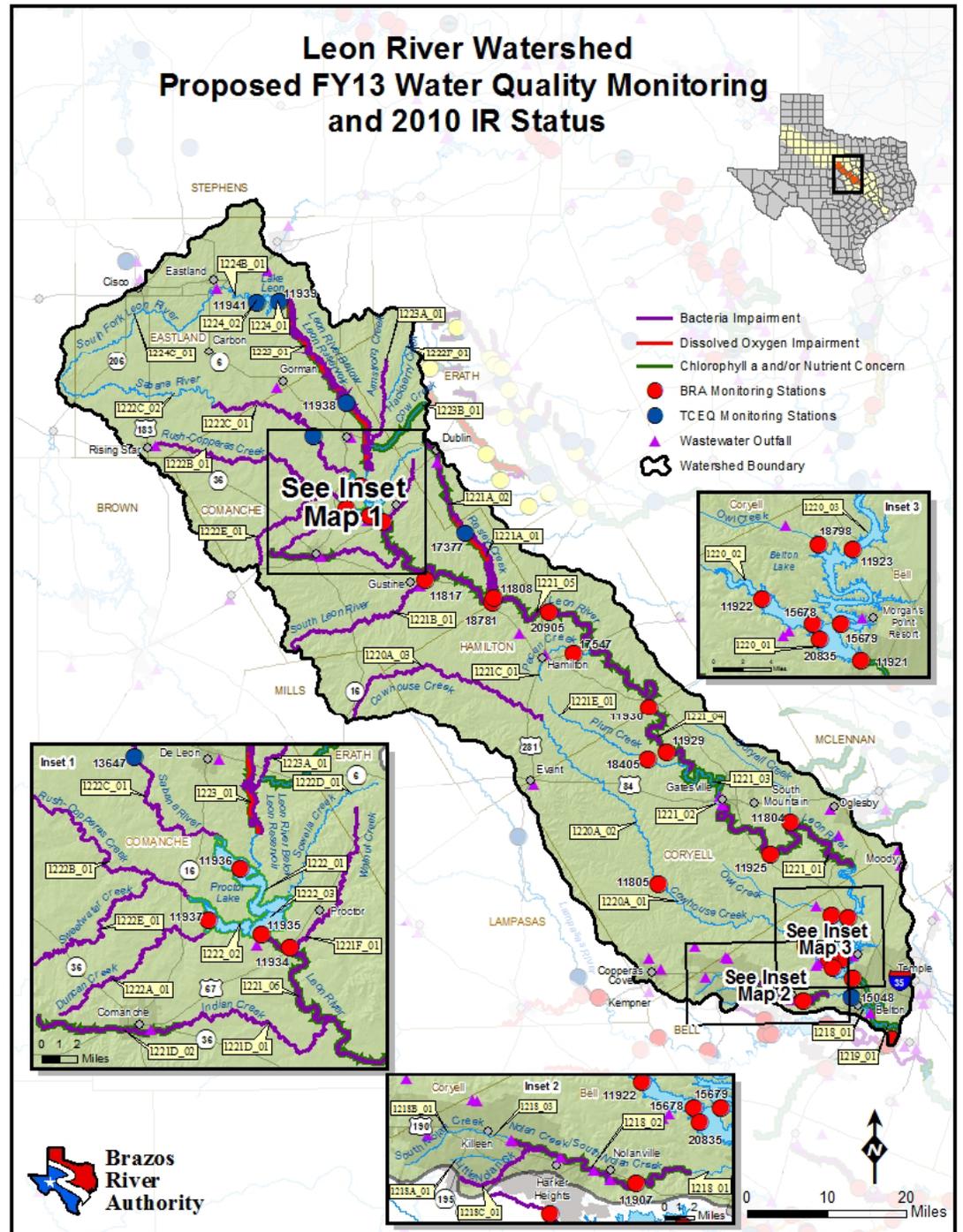


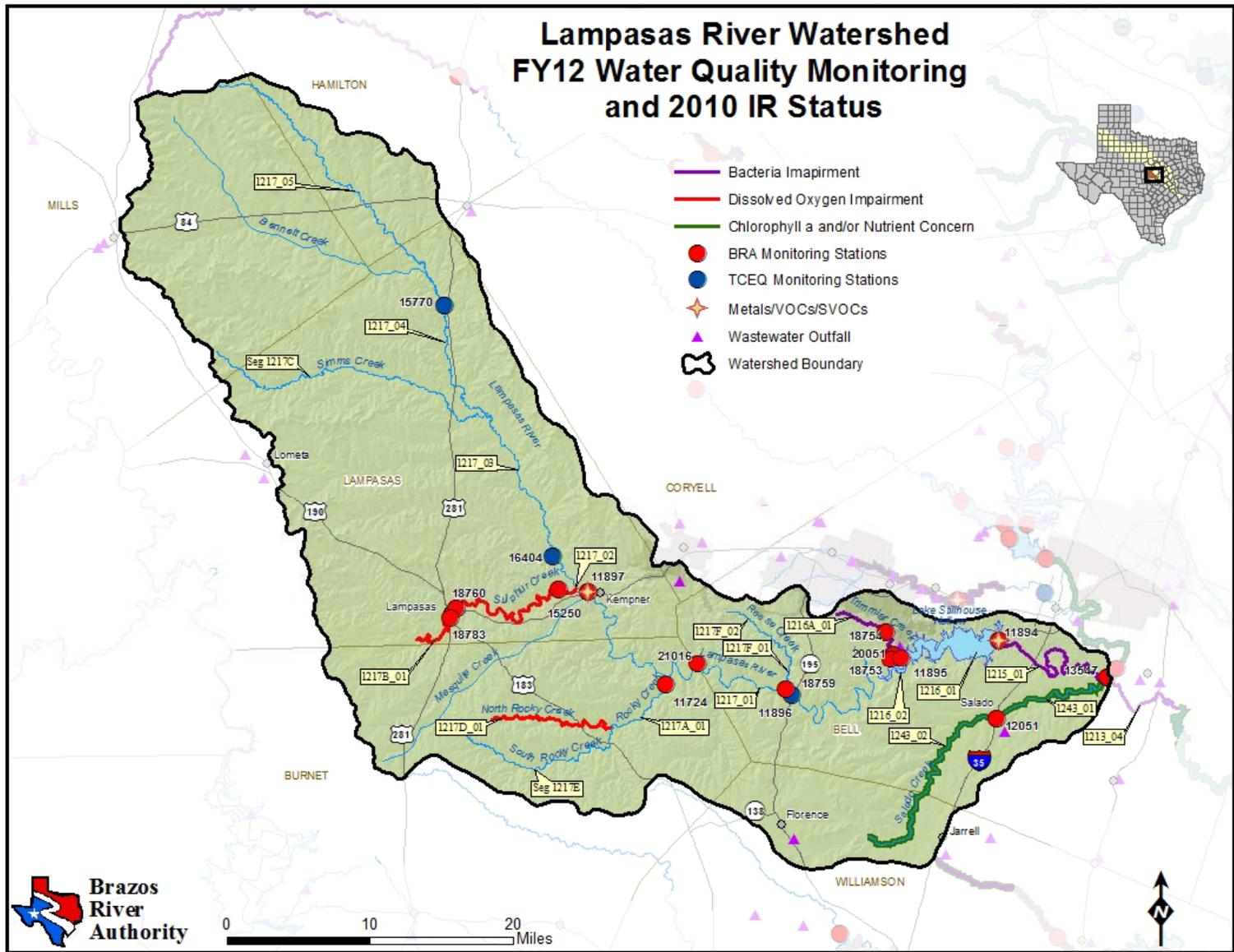


➤ Discontinue

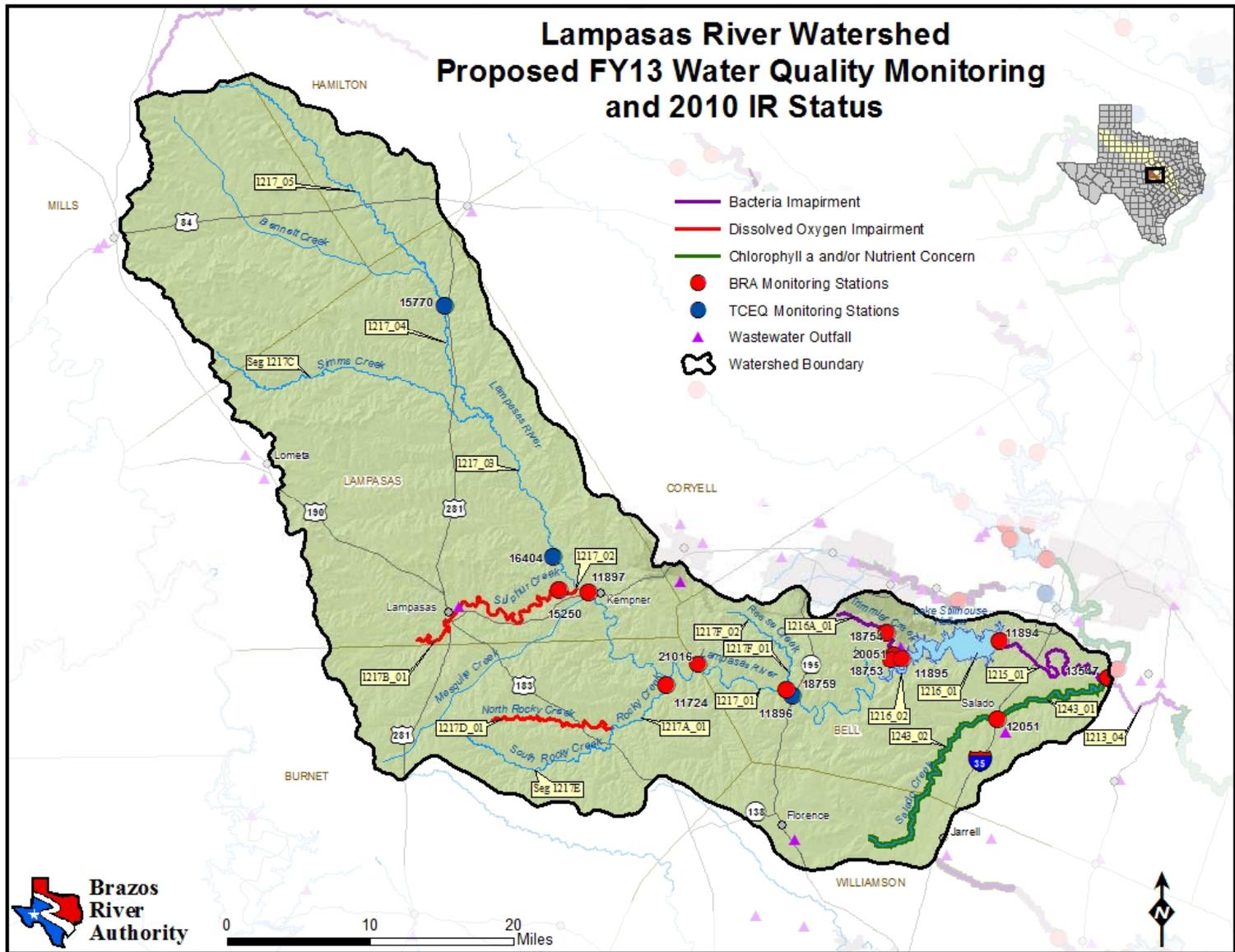
- Leon River at Faunt Leroy Park
- Cowhouse Creek at US 281
- Leon River at SH 36
- two stations on Indian Creek
- Walnut Creek at FM 1476

➤ Will have completed an Aquatic Life Assessment and two year monitoring of Resley Creek (DO) so will discontinue





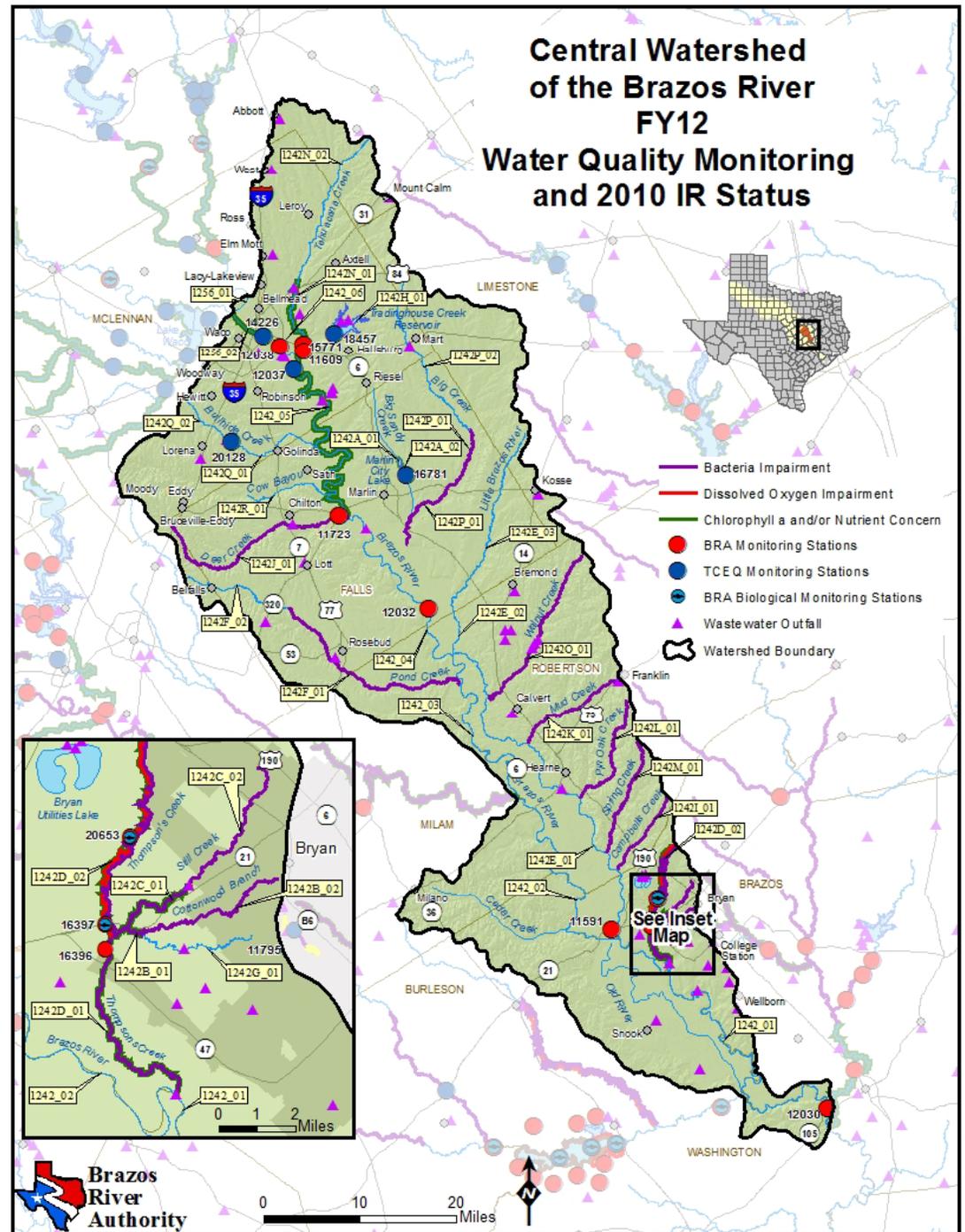
- 2 Bacteria - 2 DO - 1 Nutrient/Chl a
- Lampasas River Watershed Protection Plan



- Discontinue two stations on Sulphur Creek
- Discontinue Metals/VOCs/SVOCs

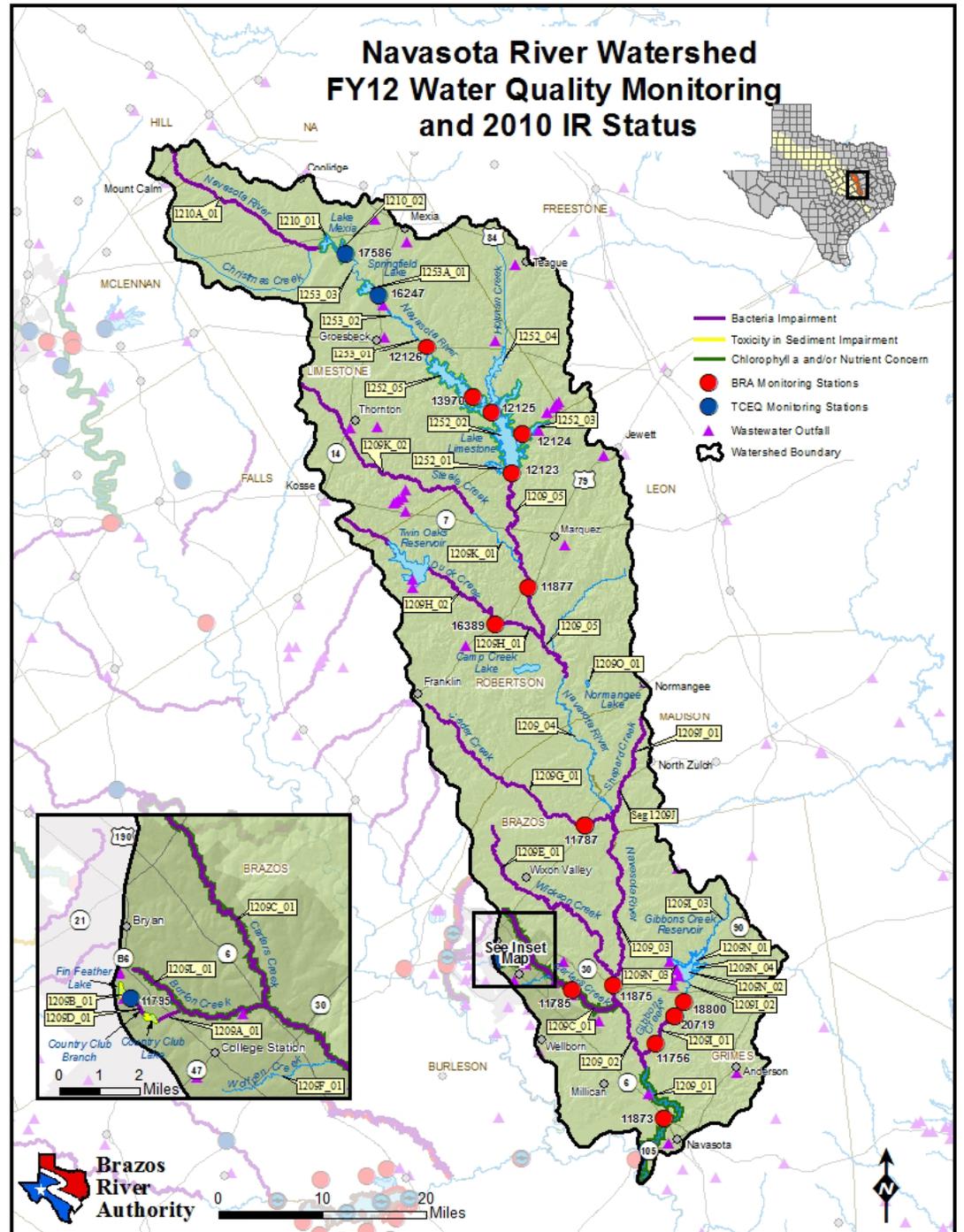


- 11 Bacteria - 1 DO - 7 Nutrient/Chl a
- RUAAs have been completed and are in review by the Standards Team for 4 streams
- RUAAs data has been collected for 5 streams and will be submitted to the Standards Team



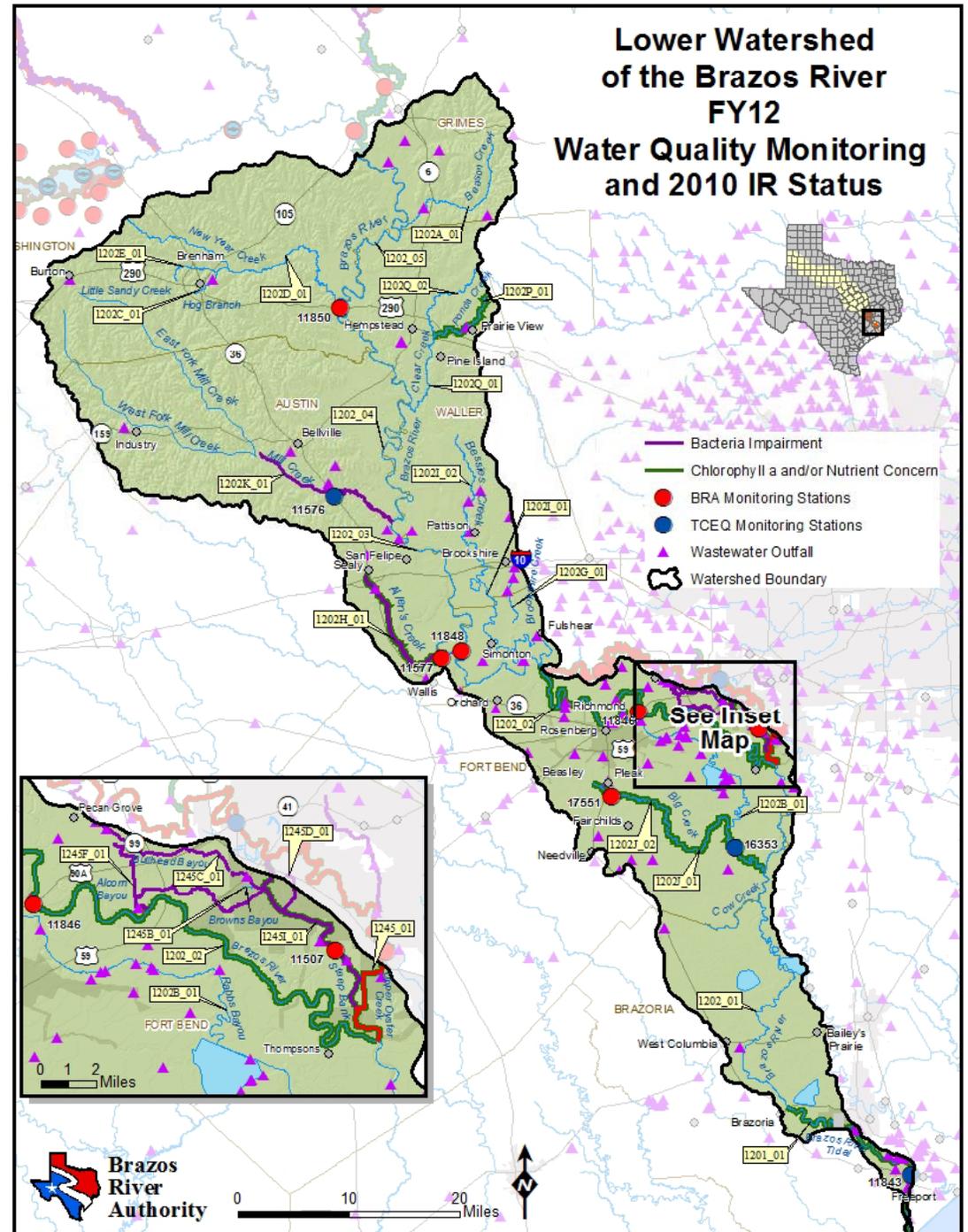


- 11 Bacteria – 8 Nutrient/Chl a
- An RUA has been completed and has been released for public comment for Navasota River Below Lake Limestone and Navasota River above Lake Mexia
- RUA data has been collected for 7 streams and will be submitted to the Standards Team
- Carter's Creek and Burton Creek TMDL Implementation





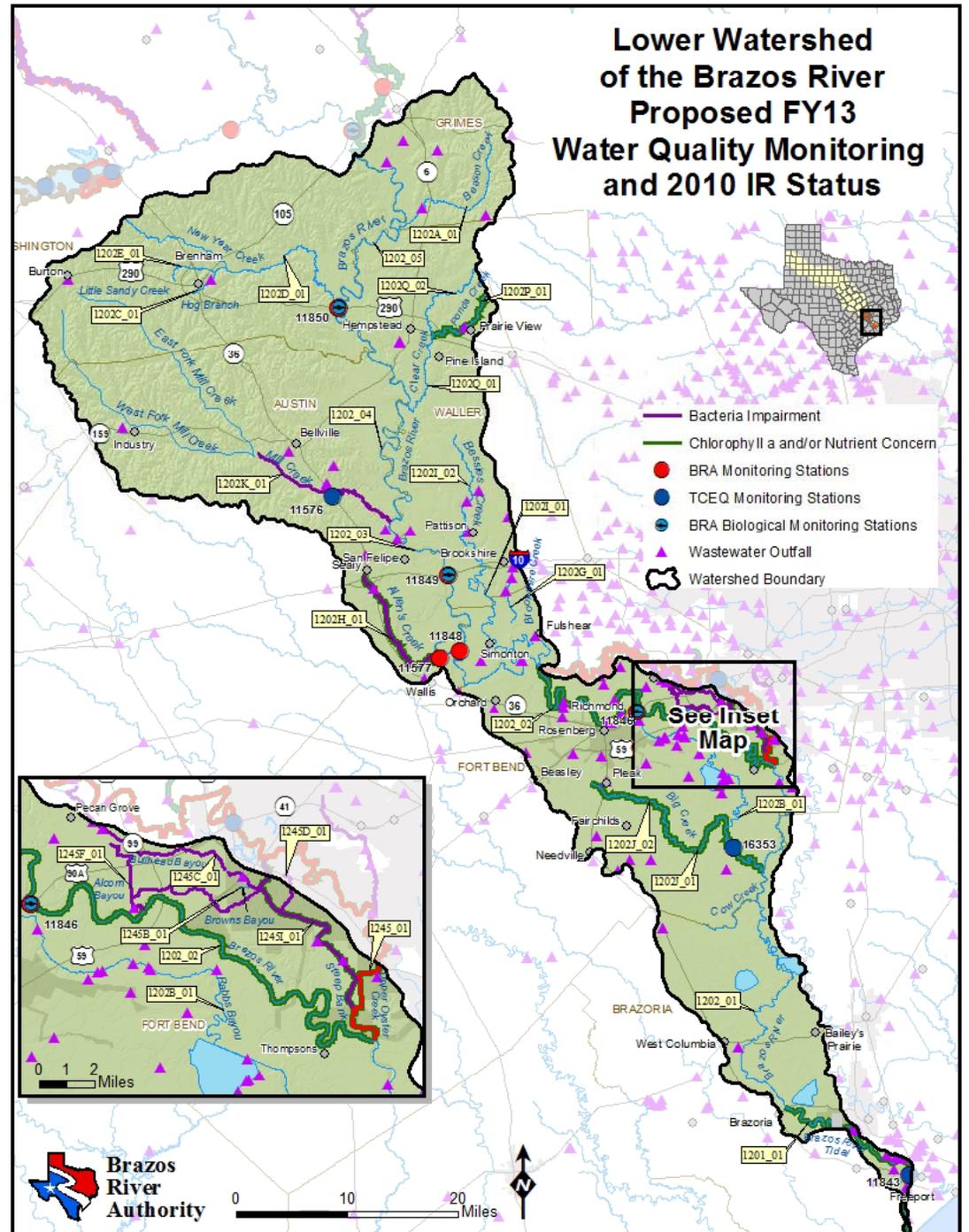
- 6 Bacteria – 7 Nutrient/Chl a
- An RUAA has been completed and has been released for public comment for Bullhead Bayou and Unnamed Tributary to Bullhead Bayou
- An RUAA has been completed and is in review by the Standards Team for 1 stream

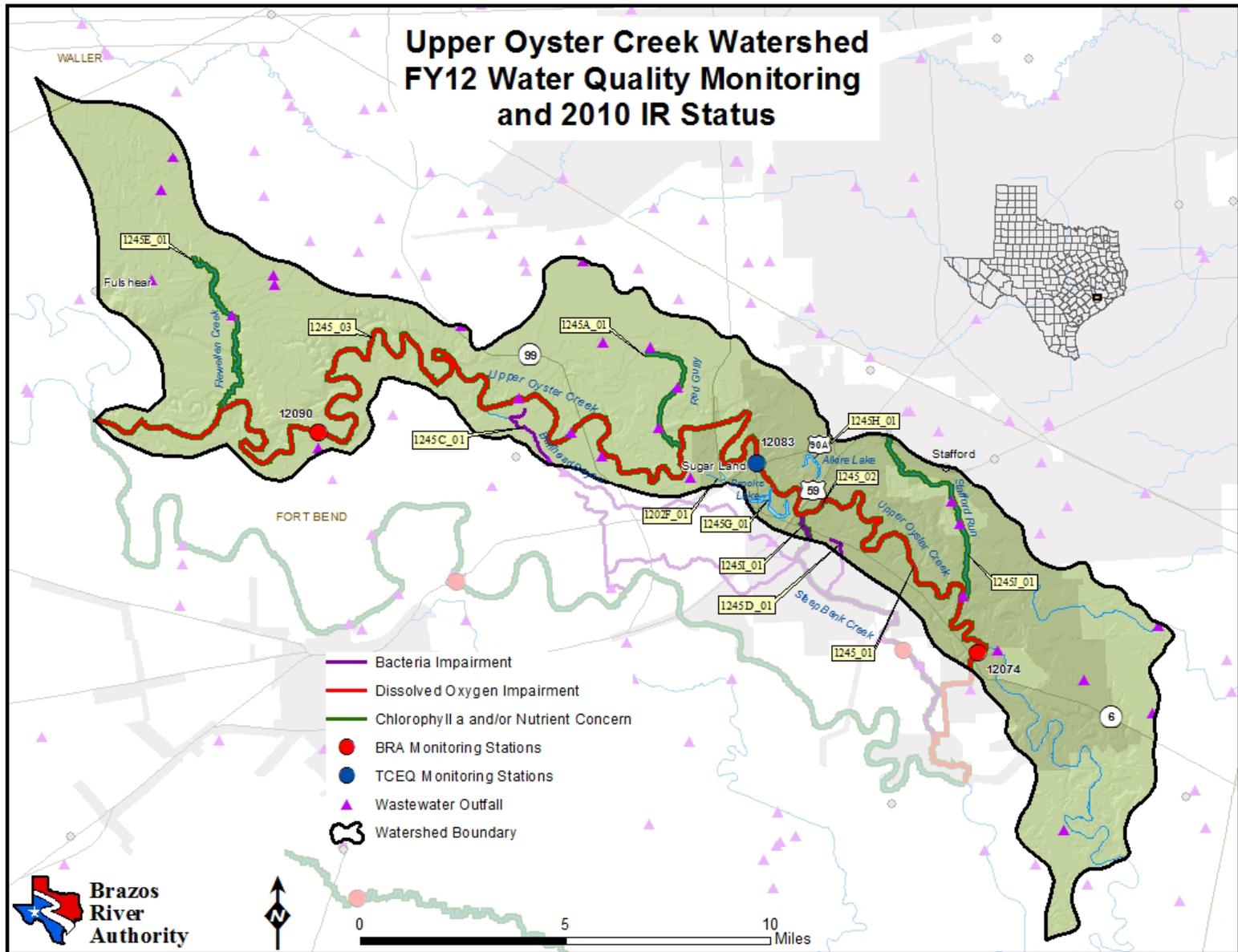




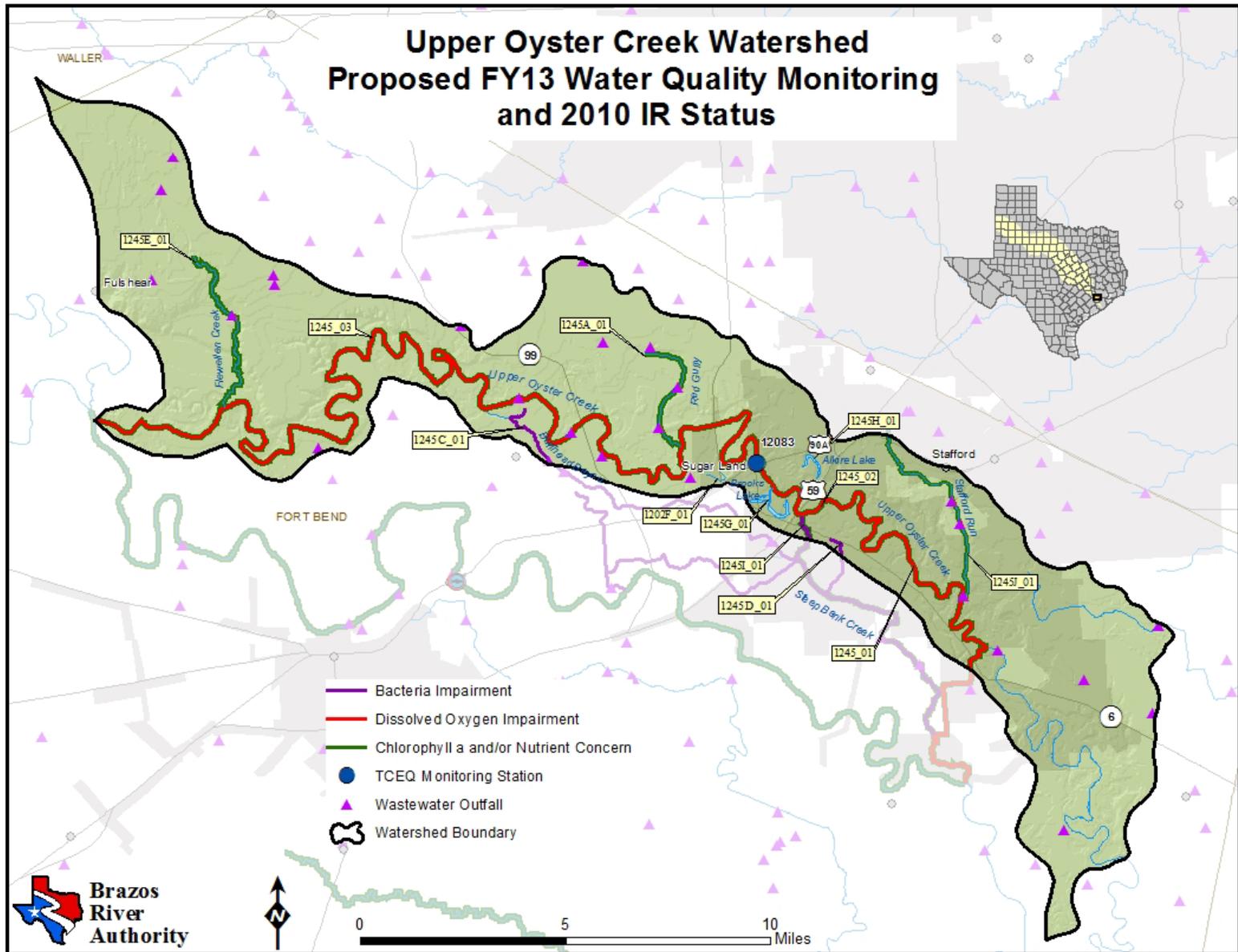
- Discontinue
 - Big Creek at Trinity Rd
 - Steep Bank at Oil Field Rd

- Add
 - Brazos River at US 290 for 24hr DO
 - Brazos River at IH 10 for routine and 24-hr DO
 - Brazos River at US 90A for biological and 24hr DO





- 1 DO - 3 Nutrient/Chl a
- An RUA has been completed and has been released for public comment for Upper Oyster Creek



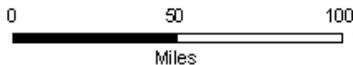
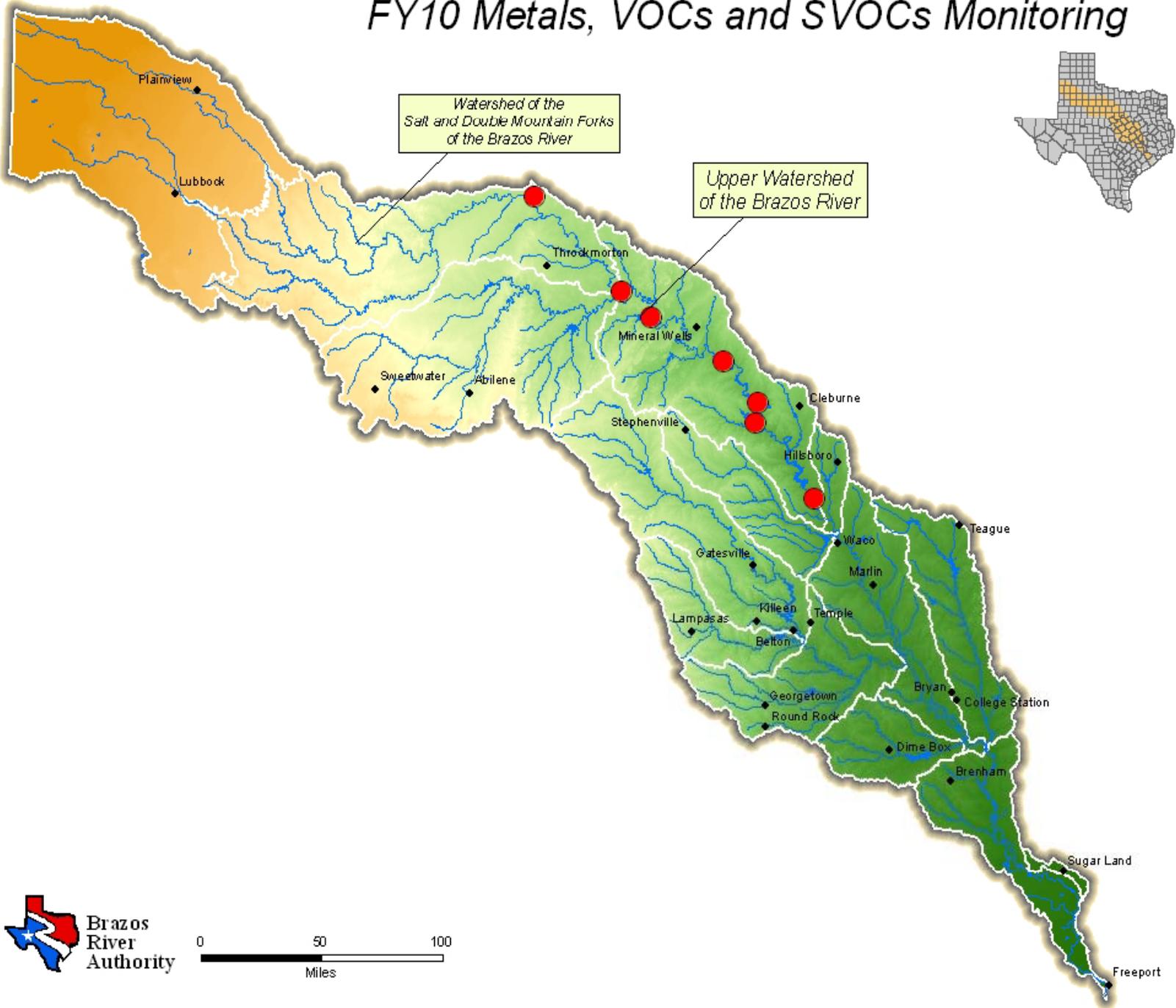
➤ **Discontinue**

- 12090 – Jones Creek at FM 359
- 12074 – Flat Bank Creek at SH 6



Brazos River Authority

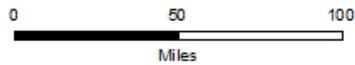
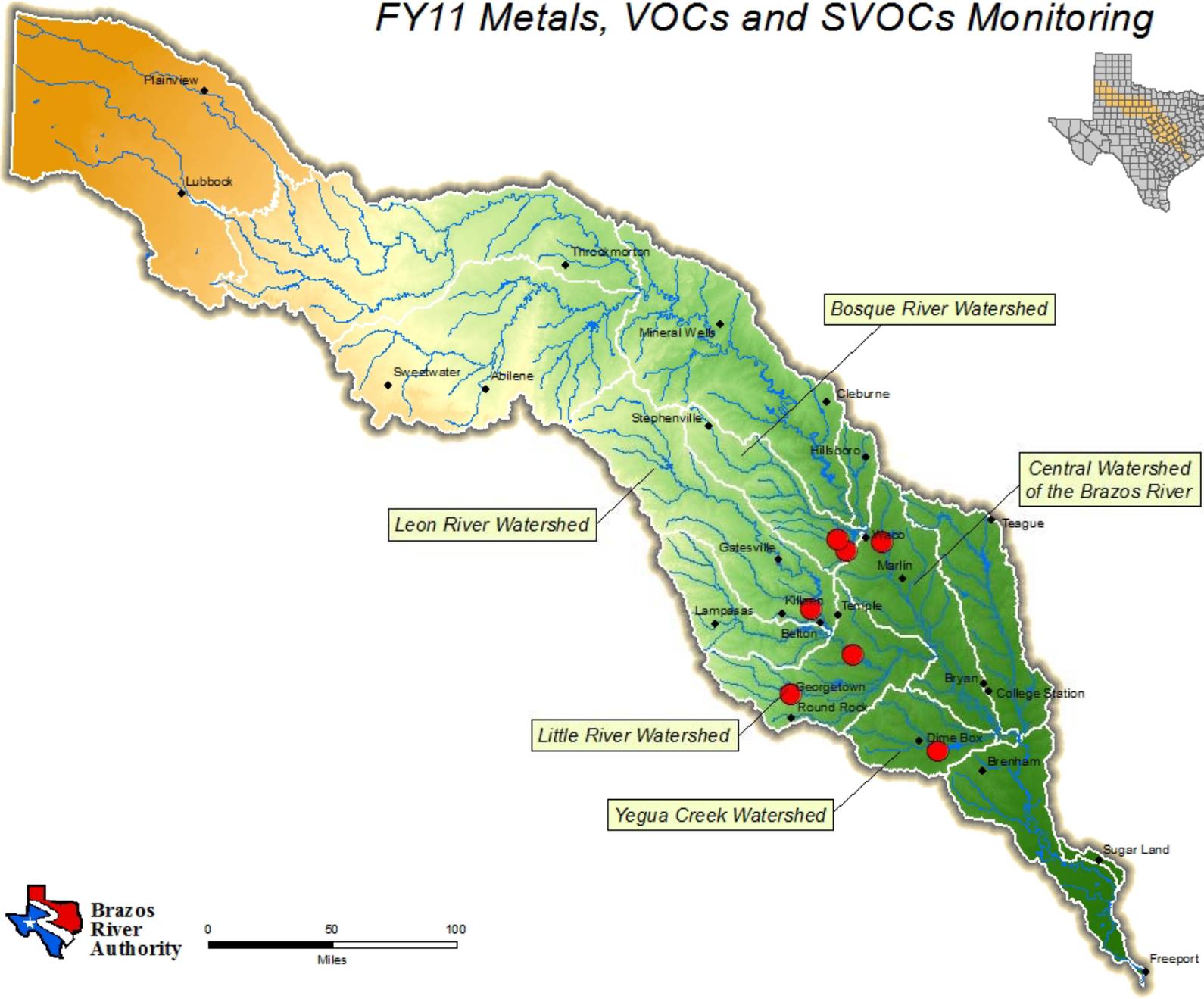
FY10 Metals, VOCs and SVOCs Monitoring





Brazos River Authority

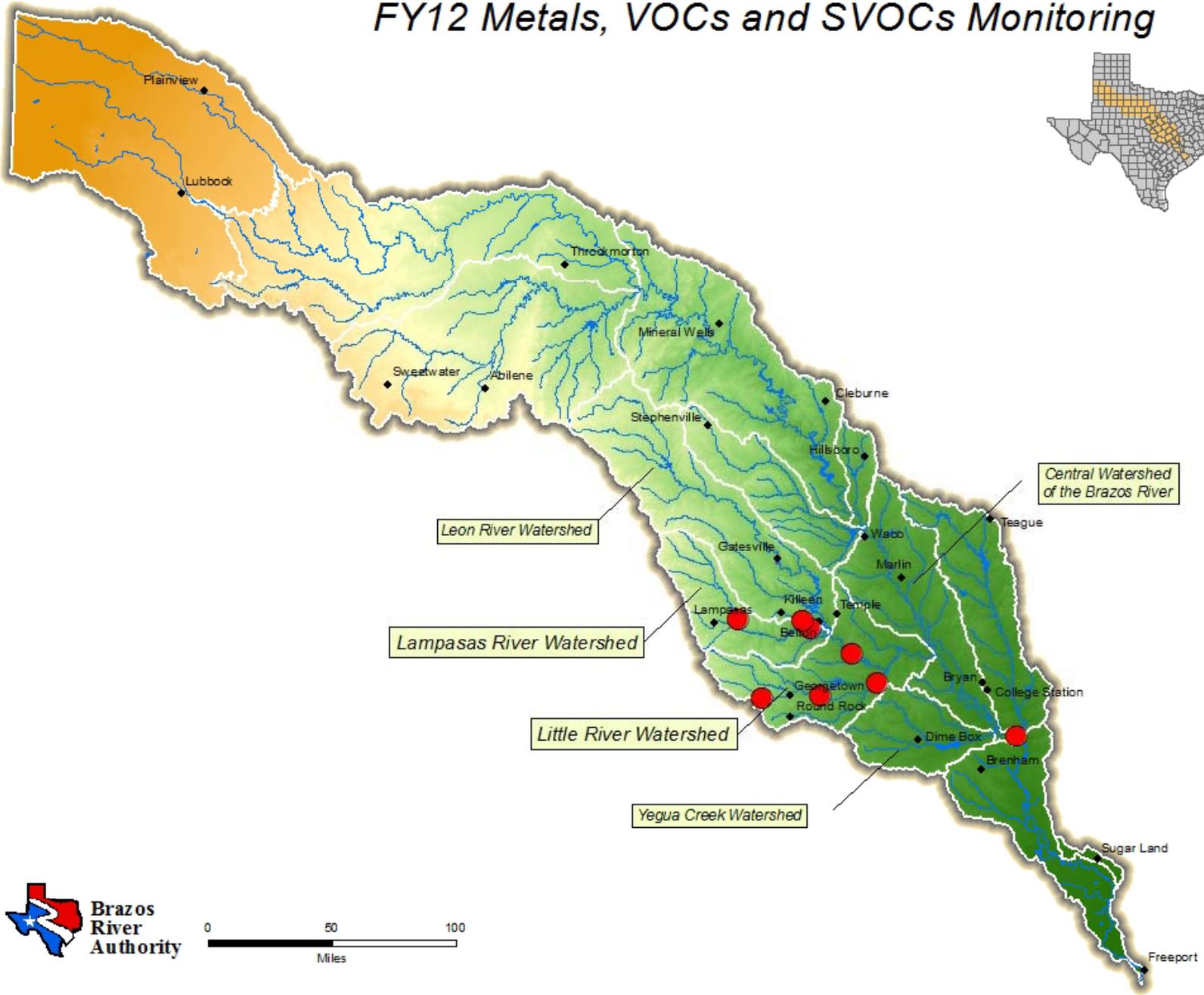
FY11 Metals, VOCs and SVOCs Monitoring





Brazos River Authority

FY12 Metals, VOCs and SVOCs Monitoring





Brazos River Authority



Brazos
River
Authority