Water Bodies Not Meeting State Criteria

and

FY2012 Proposed Monitoring
17 classified segments and 69 unclassified waterbodies are listed as impaired on the Draft 2010 303(d) List

11 classified segments and 58 unclassified waterbodies are listed as impaired for elevated Bacteria

5 classified segments are listed as impaired for chloride, sulfate and/or TDS

4 classified segments and 6 unclassified waterbodies are listed for dissolved oxygen Impairment

33 classified segments and 53 unclassified waterbodies are identified as having concerns based on screening levels for algal growth and/or elevated nutrients
General Recommendations

- Maintain existing monitoring levels in *most* watersheds.
- Continue performing biological assessments to better characterize status of aquatic life in the basin.
- Continue Year 3 quarterly sampling on a 5-year rotating schedule to perform metals, VOC and SVOC monitoring on selected segments throughout the basin.
An RUAA is planned for Segment 1208 – Brazos River above Possum Kingdom Lake
No changes for FY12
Segment 1232 – Clear Fork Brazos River is part of the National Rivers and Streams Assessment
Add a biological station on the Clear Fork Brazos at NRSA station in Shackelford Co.
An RUAA is planned for the Brazos River above Possum Kingdom Lake

Lake Granbury Watershed Protection Plan

Whitney Lake is part of the National Rivers and Streams Assessment
- Add a biological station on the **Brazos** at FM 2114
- Add a biological station on the **Brazos** at FM 4 north of Palo Pinto
Aquila Creek Watershed
FY12 Proposed Monitoring

Chlorophyll a and/or Nutrient Concern
BRA Monitoring Station
TCEQ Monitoring Station
Wastewater Outlet
Watershed Boundary

Brazos River Authority
➢ RUAAs have been completed and are in review by the Standards Team for Indian Creek, Sims Creek, Wasp Creek, Upper North Bosque River, Goose Branch, Unnamed Tributary of Goose Branch, North Fork Upper North Bosque, Scarborough Creek, Unnamed Tributary of Scarborough Creek, and Wood hollow Branch
No changes for FY12
- RUAA's have been completed and are in review by the Standards Team for Nolan Creek/South Nolan Creek, Resley Creek, South Leon River, Pecan Creek, Indian Creek, Duncan Creek, and the Leon River Below Leon Reservoir.

- **Leon River Watershed Protection Plan**

- Data Collection Initiatives to Address 5b/5c Water Bodies in the Brazos River Basin - **Resley Creek (Aquatic Life Assessment)**

- **Rush–Copperas Creek** is part of the National Rivers and Streams Assessment.
- Add biological stations on
  - Cowhouse Creek
  - Resley Creek upstream of CR 392*
  - Resley Creek at FM 2823*

- Discontinue
  - Armstrong Creek at SH 6
  - Copperas Creek at CR 419
  - Sweetwater Creek at CR 419
  - Duncan Creek at CR 419
- Lampasas River Watershed Protection Plan
- Assessment of NPS Contributions from the City of Killeen Urbanized Area in the Lampasas Watershed
- North Rocky Creek UAA is under review by EPA
- Add biological station to **Lampasas River** at FM 2482
- Add Metals/VOCs/SVOCs to
  - **Lampasas River** at US 90
  - **Stillhouse Hollow Lake** Dam
  - **Nolan Creek/South Nolan Creek** at US 190
- **Lake Granger Watershed** Assessment and Implementation Project
- RUAAs have been completed and are in review by the Standards Team for **Willis Creek** and **Mankins Branch**
- RUA data collection has been complete and report by TMDL team is in process for **Brushy Creek**
Little River Watershed
FY12 Proposed Monitoring

- Add stations at
  - **Berry Creek** at Sun City
  - **San Gabriel River** at CR 428

- Add a biological station at
  - **South Fork San Gabriel River** at Weir Pit

- Add Metals/VOCs/SVOCs to
  - **Little River** at FM 473
  - **Brushy Creek** at FM 908
  - **San Gabriel** at CR 366
  - **South Fork San Gabriel** at US 183
RUAAAs have been completed and are in review by the Standards Team for Cottonwood Branch, Still Creek, Thompson Creek, and Big Creek.

- Little Brazos River Tributaries Bacteria Assessment – Walnut Creek, Mud Creek, Pin Oak Creek, Spring Creek, and Campbell’s Creek

- Data Collection Initiatives to Address 5b/5c Water Bodies in the Brazos River Basin - Deer Creek (bacteria), Tehuacana Creek (bacteria) and Thompson’s Creek (UAA)
No changes for FY2012
RUAA data collection has been complete and report by TMDL team is in process for **Navasota River Below Lake Limestone, Country Club Branch, Wickson Creek, Cedar Creek, Duck Creek, Gibbons Creek, Shepherd Creek, and Steele Creek**

- An RUAA is planned for **Navasota River above Lake Mexia**
- **Carter’s Creek and Burton Creek TMDL Implementation**
- **Data Collection Initiatives to Address 5b/5c Water Bodies in the Brazos River Basin** – **Cedar Creek (bacteria) and Gibbon’s Creek (bacteria)**
Discontinue
- Cedar Creek at US 190/SH 21*
- Gibbons Creek on North-South Haul Rd*
- Gibbons Creek at CR 190*
- Navasota River at SH 6*
An RUAA is planned for **East Yegua Creek**

- Data Collection Initiatives to Address 5b/5c Water Bodies in the Brazos River Basin (Nutrients) – **Somerville Lake and Ten Tributaries to Somerville Lake**
- RUAAs have been completed and are in review by the Standards Team for **Davidson Creek**
Add biological stations at
- Yegua Creek at FM 50
- Yegua Creek downstream of CR 124

Discontinue
- Lake Somerville Trib Stations and Algal Assays
RUAAAs have been completed and are in review by the Standards Team for Allen's Creek.
No changes for FY12
- Upper Oyster Creek TMDLs for bacteria and DO have been approved by EPA and the Implementation Plans are being prepared.
- RUAA data collection has been complete and report by TMDL team is in process for Upper Oyster Creek.
No changes for FY12
Brazos River Authority