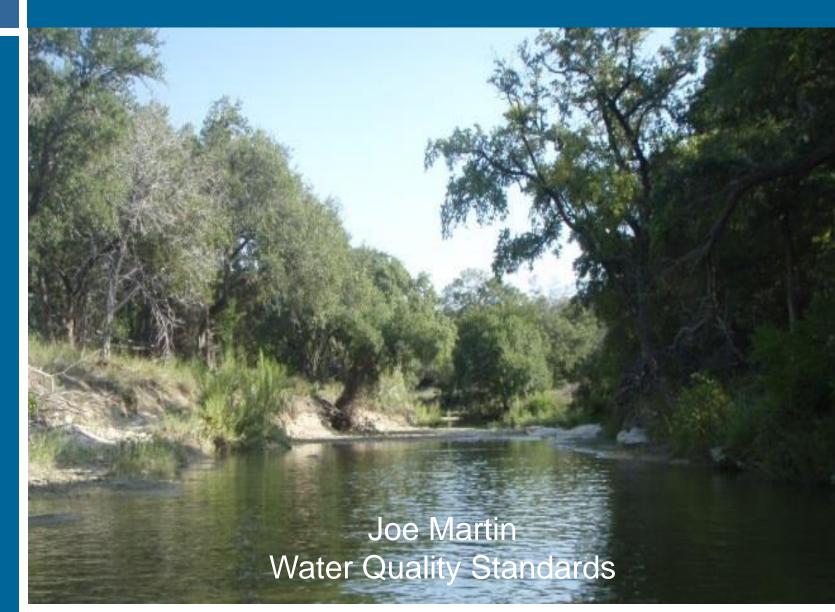


# 2014 Standards Update and RUAAs in the Brazos Basin





### 2014 Triennial Revision

- Preliminary comments received (July, 2011)
- Advisory Workgroups (March, May, November 2012)
- Proposed (August 21, 2013)
- 45-day public comment period
  - (August 25 October 24, 2013)
- Public hearing (October 17, 2013)
  - Q&A before and after hearing
- Adoption Agenda (February 12, 2014)



### 2014 Triennial Revision

- Site-specific standards for individual water bodies
  - Dissolved minerals, pH, DO, contact recreation
- Revision of statewide toxic criteria
  - Mercury
  - Human health criteria are all based on water column concentrations



### Additional topics

- Temperature Criteria
  - Different mixing zone sizes for specific numeric criteria
  - Industrial cooling water areas
- Expand recreational categories
  - Primary Contact Recreation 2–freshwater only
    - Geomean criteria 206 E. coli / 100 mL
    - Activities like swimming and wading by children that occur on a less frequent basis due to limited public access or physical characteristics of the water
    - Requires contact recreation study



### **Brazos River Basin Revisions**

- Leon River Below Proctor Lake (1221) split into two segments at confluence of Plum Creek
- Leon River Above Belton Lake (1259)
- Oyster Creek Above Tidal (1110) split into two segments
- Middle Oyster Creek (1258) No longer hydrologically connected to Oyster Creek Above Tidal



### Brazos River Basin Revisions

- Total Dissolved Solids Standards adjusted on two segments.
- San Gabriel River (1214)
  - 550 mg/L (500)
- North Fork San Gabriel (1248)
  - 400 mg/L (350)



## Recommendations for Secondary Contact 1

- Navasota River Above Lake Mexia (1210A)
- East Yegua Creek (1212B)
- South Leon River (1221B)
- Bullhead Bayou (1245C)
- Unnamed Tributary of Bullhead Bayou (1245D)



## Recommendations for Secondary Contact 2

Resley Creek (1221A)

Indian Creek (1221D)

Walnut Creek (1221F)



### Next Steps

- March 6, 2014: Effective as a state rule
- Submit adopted 2014 TSWQS to EPA
- EPA must approve any revisions to the Texas Surface Water Quality Standards
- Future identification of impairments in each stream will be based on assigned uses



### Current RUAAs in Brazos Basin

- Collecting additional data on five streams in the Brazos Basin.
- Cedar Creek 1209 G
- Duck Creek 1209 H
- Shepard Creek 1209 J
- Steele Creek 1209 K
- Wickson Creek 1209 E



### Questions

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