

**Guadalupe, San Antonio, Mission, and Aransas Rivers and
Mission, Copano, Aransas, and San Antonio Bays
Basin and Bay Expert Science Team (BBEST)**

Monday, December 20, 2010 at 10:00 a.m.

Tuesday, December 21, 2010 at 11:00 a.m.

San Antonio River Authority, San Antonio, Texas

AGENDA

Monday, December 20, 2010 at 10:00 a.m.

1) Call to Order and Introductions

2) Public Comment

3) Approval of Minutes from November 18, 2010 Meeting

4) Science Advisory Committee (SAC) Report (Ward)

5) BBASC Report (Raabe)

6) BBEST Budget Update (TWDB, Vaugh)

7) Discussion of GSA BBEST Recommendations Report & Schedule (Vaugh)

a) Review of Writing Assignments

8) Discussion of Instream Work Elements and Issues

a) TIFP San Antonio River and Cibolo Creek Instream Flow Study (Oborny)

b) Status Report on Cross-Section & Habitat Suitability Analyses (TWDB, TPWD)

c) Biological Overlay (Hardy)

d) Water Quality Overlay (Eckhardt)

e) Geomorphology Overlay (TWDB, Hardy)

f) Riparian Vegetation Overlay (Smith)

g) Future Activities and Deliverables

9) Discussion of Hydrology Work Elements and Issues

a) Time Series Analyses (Vaugh)

b) Structure of Instream Flow Regime Recommendations (Vaugh)

c) Future Activities and Deliverables

10) Future Meetings

a) January 20, 2011

b) February 3, 2011 (Conflicts w/ Region L)

c) February 17, 2011

11) Public Comment and Adjourn for Monday

Tuesday, December 21, 2010 at 11:00 a.m.

1) Call to Order and Introductions

2) Public Comment

3) Follow-up on Monday Agenda Items

4) Discussion of Estuary Work Elements and Issues

- a) Results of Fixed Habitats Analyses (Pulich, Johns)
 - i) Refined Fixed Salinity Zone Analysis
 - ii) Application to Oysters and Rangia Clams
 - iii) Potential Inflow Criteria Levels for the Guadalupe Estuary
 - iv) Discussion of Mission-Aransas and Copano Bays
- b) Use of Salinity Coverage Analysis for Motile Species (Pulich, Johns)
 - i) Salinity vs. Habitat Issues for Motile Species
 - ii) Salinity Coverage Analysis for White Shrimp in Guadalupe Estuary
 - iii) Implications for Potential Inflow Criteria Levels
 - iv) Potential for Other Species (e.g., blue crab)
- c) Integrating Species-specific Needs and Other Inflow Components into a Regime (Johns)
- d) Future Activities and Deliverables

5) Public Comment and Adjourn