Duties of the Sabine and Neches Rivers and Sabine Lake Bay Basin and Bay Area Stakeholder
Committee and Expert Science Team

SENATE BILL 3

**Primary Charge** to the Texas Environmental Flows Bay Basin and Science Expert
Science Team (BBEST) is found in SB3, Section 11.02362 (m). “Each basin and bay
expert science team shall develop environmental flow analyses and a recommended
environmental flow regime for the river basin and bay system for which the team is
established through a collaborative process designed to achieve a consensus.”

- Finalize environmental flow regime recommendations and submit them to the basin and
  bay area stakeholders committee, the advisory group, and the commission not later than
  November 1, 2009, except that at the request of the basin and bay area stakeholders
  committee for good cause shown, the advisory group may extend the deadline provided
  by this subdivision [§Sec. 11.02362(c-3)].

- Develop environmental flow analyses and a recommended environmental flow regime for
  the river basin and bay system for which the team is established through a collaborative
  process designed to achieve a consensus. In developing the analyses and
  recommendations, the science team must consider all reasonably available science,
  without regard to the need for the water for other uses, and the science team’s
  recommendations must be based solely on the best science available [§Sec.
  11.02362(m)].

- Submit its environmental flow analyses and environmental flow regime
  recommendations to the pertinent basin and bay area stakeholders committee, the
  advisory group, and the commission in accordance with the applicable schedule specified
  by or established under [§§Sec. 11.02362] Subsection (c), (d), or (e). The basin and bay
  area stakeholders committee and the advisory group may not change the environmental
  flow analyses or environmental flow regime recommendations of the basin and bay
  expert science team [§§Sec. 11.02362(n)].

- In recognition of the importance of adaptive management, after submitting its
  recommendations regarding environmental flow standards and strategies to meet the
  environmental flow standards to the commission, each basin and bay area stakeholders
  committee, *with the assistance of the pertinent basin and bay expert science team*, shall
  prepare and submit for approval by the advisory group a work plan. The work plan must:

  1. establish a periodic review of the basin and bay environmental flow analyses and
     environmental flow regime recommendations, environmental flow standards, and
     strategies, to occur at least once every 10 years;
  2. prescribe specific monitoring, studies, and activities; and
  3. establish a schedule for continuing the validation or refinement of the basin and
     bay environmental flow analyses and environmental flow regime
     recommendations, the environmental flow standards adopted by the commission,
     and the strategies to achieve those standards [§Sec. 11.02362(p)].

- Provide comment on published reports completed under Section 11.1491 of the Texas
  Water Code [§Sec. 11.1491(a)].
Other Relevant Text:

- Senate Bill 3 defines an "environmental flow analysis" as the “application of a scientifically derived process for predicting the response of an ecosystem to changes in instream flows or freshwater inflows.”

- "Environmental flow regime" is defined by SB3 as “a schedule of flow quantities that reflects seasonal and yearly fluctuations that typically would vary geographically, by specific location in a watershed, and that are shown to be adequate to support a sound ecological environment and to maintain the productivity, extent, and persistence of key aquatic habitats in and along the affected water bodies.”

### Work Plan (Draft as of 2/9/2009)

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<tr>
<th>Line #</th>
<th>Time Frame</th>
<th>Activity</th>
<th>Group</th>
<th>BBEST Actions</th>
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<td>1</td>
<td>December 8, 2008</td>
<td>Meeting #1</td>
<td>BBEST and Agencies</td>
<td>Appoint Chair and Vice-Chair</td>
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<td>November 2009</td>
<td>Submit Final Flow Recommendations to Stakeholder Committee</td>
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