

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.
- ❖ 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 4/24/2009 10:28 AM)

Date Updated	Time Frame	Activity	Group	BBEST Actions
	December 8, 2008	Meeting #1	BBEST and Agencies	Appoint Chair and Vice-Chair
	January 26, 2009	Meeting #2	BBEST and Agencies	
	February 20, 2009	Meeting #3	BBEST and Agencies	Appointed Gaging and Biological SOW development subcommitties
	March 9, 2009	Flow Modeling: SOQs published	BBEST (GG)	
	March 11, 2009	Ecology: SOW to TWDB for processing	BBEST (JWT)	
	March 26, 2009	Flow Modeling: SOQs due		
	March 31, 2009	Meeting #4	BBEST and Agencies	Approved selection of Freese & Nichols for Hydrology Modeling
	April 28, 2009	Meeting #5	BBEST and Agencies	
	May 15, 2009	Contractors Work Begins?		
	May [28 29], 2009	Meeting #6	BBEST and Agencies	
	May [28 29], 2009	Contractors Workshop (breakout groups: Hydrology/ Biology/ Geomorphology/ Water Quality)		

Date Updated	Time Frame	Activity	Group	BBEST Actions
	June [25,26,30], 2009	Meeting #7	BBEST and Agencies	
	June [25,26,30], 2009	Summary Report Outline and Preliminary Data Review	Contractors	
	July [21 23 24], 2009	Meeting #8	BBEST and Agencies	
	July [21 23 24], 2009	Draft Summary Reports Due	Contractors	
	August [25 27 28], 2009	Meeting #9	BBEST and Agencies	
	August [25 27 28], 2009	Final Summary Reports Due	Contractors	
	September, 2009	Meeting #10	BBEST and Agencies	
	September, 2009	Develop Draft Flow Recommendations (two-day workshop?)		
	October, 2009	Meeting #11	BBEST and Agencies	
	October, 2009	Finalize Flow Recommendations (X-day workshop?)		
	November 1, 2009	Submit Final Flow Recommendations to Stakeholder Committee, Environmental Flows Advisory Group, and Texas Commission on Environmental Quality	BBEST	