

**Trinity and San Jacinto and Galveston Bay
Basin and Bay Area Stakeholder Committee (BBASC)
First Five Year Cycle Priorities of Work Plan**

Component	Category	BBASC Item No.	BBEST Item No.	Item Description	Estimated Cost
Instream/Estuary	General	1	21	Coordinate data gathering and special studies with work plan being developed for Senate Bill 2	
	General	2	54	Determine how best to evaluate changes from a "sound ecological environment"	
Instream	Hydrology/ Hydraulics/ Habitat/ Geomorphology	3	1	3-tier study area development	
			8	Imagery analyses	
			9	Prioritization of intensive study sites	
		4	3	Flow regime component characterization	
		5	*	Evaluate interrelationships between environmental flow regimes and proposed water supply projects	
		6	10	Intensive site-specific studies of high priority sites	
Instream	Ecology	7	14	Analyses and establishment of baseline ecological conditions	
		8	15	Identification of Indicator Metrics & Species	
Instream	Water Quality	9	24	Analyze data and develop findings and conclusions regarding the relationship between water quality data and the proposed flow regimes	
Estuary	Salinity	10	37	Analyze frequencies of occurrence of proposed freshwater inflows	
			39	Evaluate broader range encompassing a full flow regime	
Estuary	Nutrients/ Sediments	11	43	BBEST design and promote studies to obtain the data necessary for statistical modeling	
			45	BBEST develop recommendations for monitoring projects	
Estuary	Ecology	12	50	Process for identifying environmental flow regime for the estuary including the relationship between salinity and Vallisneria, Rangia reproduction, and/or by oyster parasitism or others	

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Estuary	Benthics/Oysters	13	61	Initiate quantitative data collection for Atlantic rangia	
			62	Initiate efforts to determine the cause of the current oyster decline	

** This item was not listed in Table 4 of BBEST prepared draft work plan dated August 3, 2011, although it was a near-term bulleted item in the text.*