

Colorado-Lavaca Basin and Bay Expert Science Team

April 20, 2010

Action Items and Consensus Decision Points

The CLBBEST met April 20, 2010 at PBSJ in Austin. All members were in attendance.

**Action Item: Meeting Rules.** Cory Horan will draft a set of meeting rules to guide meeting process and present at the next meeting. Consensus from the Members.

**Action Item: Bay and Estuary Team.** A bay and estuary team was formed to address the question of current estuary health. Specifically- do the Matagorda, Lavaca, and East Matagorda estuaries support 'sound ecological environments". The group will develop a list of ecological indicators. The group will also start to identify if there is an instream flow component that needs to be calculated in order to relate instream flow regimes to freshwater inflow regimes. Team members are Dave Buzan, Bryan Cook, Melissa Romigh, and Cathy Wakefield. The team members will convene by conference call before the May 11 meeting in order to initiate this work.

A presentation on the SAC Bay and Estuary guidance will be developed and presented by Bryan Cook at the next meeting. The presentation will cover the guidance and make preliminary recommendations for our BBEST's approach to freshwater inflow recommendations.

**Consensus Decision: Stakeholder and BBEST Interaction.**

The team discussed options for interaction between the Stakeholder committee and the BBEST. Three decisions were reached:

- 1) Separation between Stakeholders and the BBEST
- 2) Invite Stakeholders to BBEST meetings, and provide updates (or progress reports) to stakeholders.
- 3) Provide Stakeholders with a conceptual environmental flow regime this fall for the purpose of ensuring stakeholders are familiar with the BBEST product and have the opportunity to provide input into how the BBEST product is most effectively communicated.

**Action Item: Stakeholder Meeting Attendance.** At least one member of the BBEST will attend the stakeholder meeting. Dave Buzan and Bryan Cook will make every effort to attend stakeholder meetings and all BBEST members will have the opportunity to attend.

**Consensus Decision: Tentative Work Schedule**

May 11<sup>th</sup> Meeting- BBEST will select Locations, Seasons, Period of Record to begin hydrologic analysis

Mid-July- Hydrologic analysis will be completed

July – October – Biological, Water Quality, and Geomorphological Overlays will be evaluated

December- Conceptual Flow Regime will be presented to the stakeholders

February 1<sup>st</sup> – First Draft of Final Report

### **Consensus Decision: Initial Site Locations**

The team discussed several potential sites throughout the basin for initial evaluation. The following sites were selected:

Colorado River at Silver  
Colorado River at Ballinger  
Elm Creek near Ballinger  
Concho River at Paint Rock  
South Concho at Christoval  
Colorado River at US 190  
Colorado River at Bend  
Pecan Bayou at Mullin  
San Saba River at Hwy 16  
San Saba River near Brady  
Llano River at Llano

Llano River at Mason  
Llano River at Junction  
Pedernales River at Johnson City  
Pedernales River at Fredericksburg  
Lavaca Basin:  
East Mustang Creek  
West Mustang Creek  
Sandy Creek  
Navidad River  
Lavaca River  
Garcitas Creek

### **Action Item: Hydrology Team**

A hydrology team consisting of Thom Hardy, Richard Hoffpauir, Kirk Kennedy, and Joe Trungale was formed to evaluate HEFR and its various components. The team was tasked with evaluating 5 sites representing the coastal, lower, middle, west, and the South Concho at Christoval. The team will evaluate HEFR options and assumptions (e.g. such as period of record) and propose an approach for the initial site list to be discussed at a future BBEST meeting. This activity includes a 4-hour HEFR workshop. Dave Buzan will coordinate with the TWDB to determine reimbursement for team members.

### **Action Item: Target Fish List**

Dr. Hardy will evaluate fisheries information with TWPD staff and prepare a memo containing a list of target/sensitive fish species for use in the biological overlay work. The B&E group will also consider key estuarine indicator species.

### **Consensus Decision: Meeting Schedule**

May 11th is the next meeting

June 2

July 21

### **Action Item: Geographic Overlay**

Kirk Kennedy graciously volunteered to draft a Geographic Scope section which can be eventually incorporated into our final report. This section will document the process of site selection, period of record, and key hydrology decision variables.