

## **San Jacinto River Instream Flow Literature Review**

### ***1. Broad objective***

The project deliverable will be useful to SB2 and SB3 stakeholder groups as a catalogue of available reports and peer-reviewed literature within the San Jacinto River basin upstream of Lake Houston. The catalogue will have an indexing scheme relevant to instream flow topics.

### ***2. Deliverable format and functionality***

#### Content and geographic focus

Content of the reference database will focus on instream flows. The focus on geographic extent will be the watershed draining to Lake Houston. Content related to Bay and Estuary issues is not the focus but may be included if applicable or if it is hard-to-find information.

#### Accumulation, ranking and cataloging of literature and reports

This project will focus on accumulation and cataloging of literature references. The process for incorporating reports or literature into a database is as follows: (1) identify a comprehensive list of potential reports by searching library catalogues and/or literature research tools; (2) rank each report according to relevance to instream flows topics; (3) starting with highest ranked reports, assimilate the report into a database and populate with information about each report. Abstracts or annotated bibliographic information will be included as well as rankings within subordinate categories.

### ***3. Scope of work***

The scope of work may need to be modified given focus on accumulation of literature; this project will not result in development of new instream flow analyses nor will it accumulate digital data under the umbrella of the a separate UT-CRWR contract. Language in the existing scope may be clarified to indicate only existing analyses (e.g., preliminary statistical analysis) or existing summary reports are to be a part of this project deliverable.

### ***4. Progress (October 16, 2008)***

A list of potential entries has been developed by searching (1) 15 to 20 area public and university libraries; (2) 10 indexing engines that cover peer-review literature, dissertations and theses; and (3) numerous agency websites. Agencies have been contacted and the project team is making arrangements to visit on-site libraries. Over 6000 potential entries have already been identified and filtered by excluding duplicate or irrelevant entries like financial statements and administrative information; the current list contains approximately 500 entries. This list is being continuously updated with new sources and the process of ranking and cataloging has commenced.