


Feasibility Study for an Arkansas River Decision Support System

CWCB Board Meeting Update
July 20, 2010



Brown AND
Caldwell

Project Team

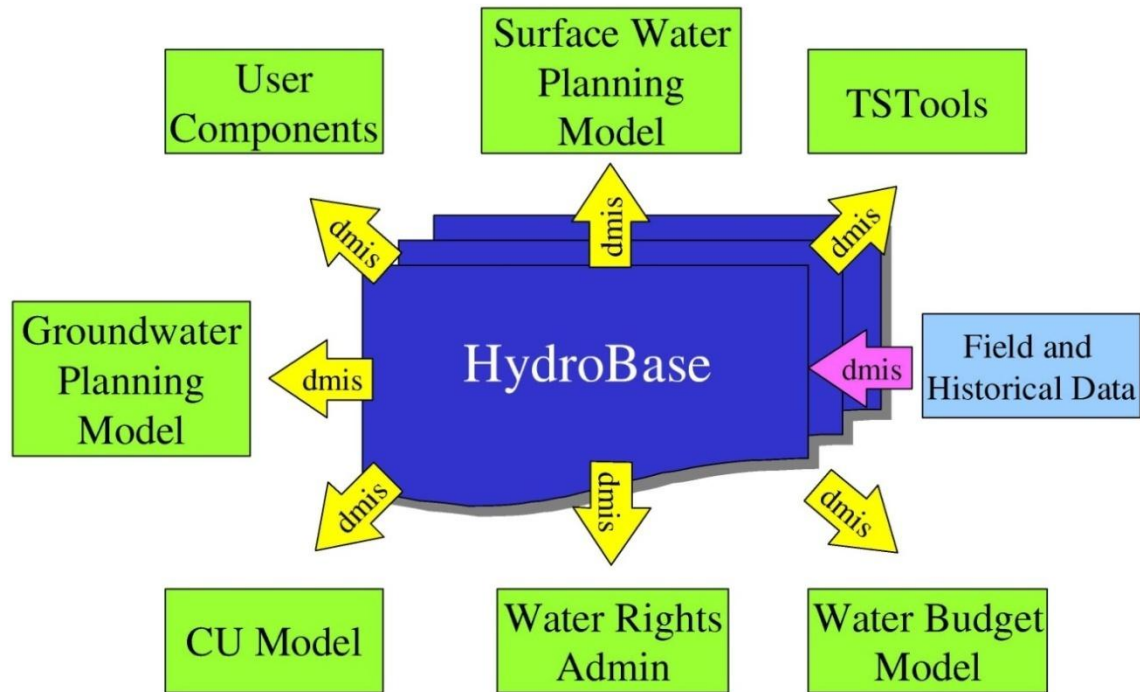
- ▶ State Management Team
 - CWCB, DWR (Denver and Pueblo offices)
 - ▶ Consultant Team
 - Brown and Caldwell, Hemenway Groundwater Engineering Inc., Water Resources of the West, TZA Water Engineers, Principia Mathematica, Merrick, Phyllis Thomas Consulting and Don Ament
 - ▶ Advisory Committee
 - ▶ CWCB, DWR, AG, LAVWCD, SECWCD, PRWCD, UAWCD, PBWW, Colo. Springs Util., Colo. St. Univ.
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Objectives of the Study

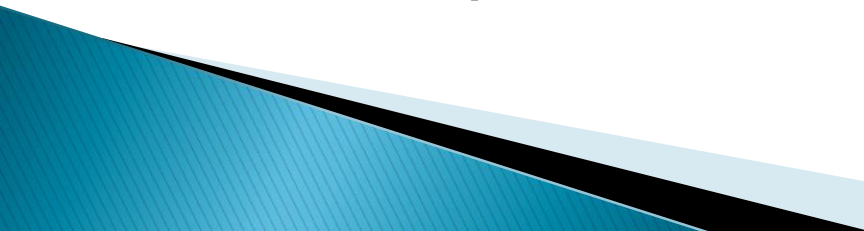
- ▶ Determine feasibility of DSS for Arkansas Basin using standards similar to those developed for other basins
- ▶ Identify the scope, functions, data needs, components, costs and schedule to develop a DSS specific to the unique needs of the Arkansas Basin

Colorado's Decision Support Systems

Data-Centered Approach



Feasibility Study Schedule


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|--------------------------------------|------------|
| ▶ Project beginning | Feb 2010 |
| ▶ Draft Ch. 1 – Introduction | April 2010 |
| ▶ Draft Ch. 2 – Needs Assessment | June 2010 |
| ▶ Draft Ch. 3 – Data Assessment | June 2010 |
| ▶ Draft Ch. 4 – DSS Components | July 2010 |
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| ▶ Draft Ch. 5 – Alternatives | Aug 2010 |
| ▶ Draft Ch. 6 – Proposed Alternative | Oct 2010 |
| ▶ Draft Report | Dec 2010 |
| ▶ Final Report | Feb 2011 |
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Project highlights to date

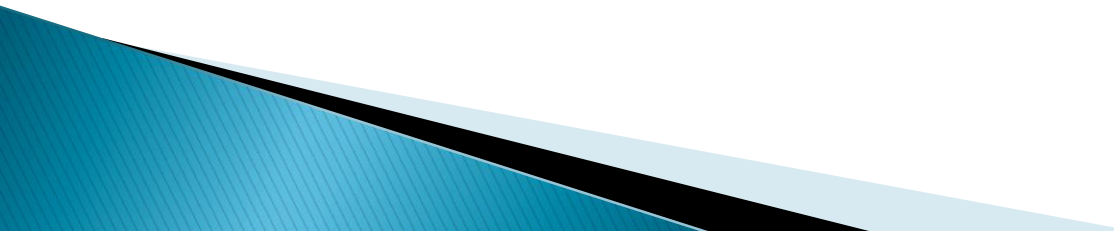
► Needs Assessment Process

- Interviews of 60+ individuals rep. 40 entities
- Group interviews/meetings with agricultural, municipal, industrial, and groundwater users
- Comment Sheets from 21 individuals
- Unique basin issues emphasis (e.g., Ark Compact, H-I Model, water quality)

► Data Assessment/Draft Data Collection Report

- Assess availability and quality of existing data
 - Identify data gaps and new data needed
 - Prioritize new data collection activities
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Coordination with Basin Activities

- ▶ Regular updates at Ark Basin Roundtable meetings
 - ▶ Involvement of Advisory Committee
 - Meeting in early June
 - Review of draft chapters
 - Meetings in August and January
 - ▶ Coordination with other entities and their projects
 - Div. 2, CSU, UAWCD, USGS, LAVWCD, SECWCD, SWSI
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Remaining Major Tasks

- ▶ Draft Ch. 5: Alternatives – mid August 2010
 - Present alternatives to CWCB Board at Sept mtg
- ▶ Draft Ch. 6: Proposed Alternative – late October 2010
 - Present proposed alternative to Board at Nov mtg
- ▶ Draft Report – early December 2010
- ▶ Final Report – February 2011

Contacts

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