

Clean Water. Quality Life.™



Water Supply Planning:

Water history and issues in the Eagle River Valley

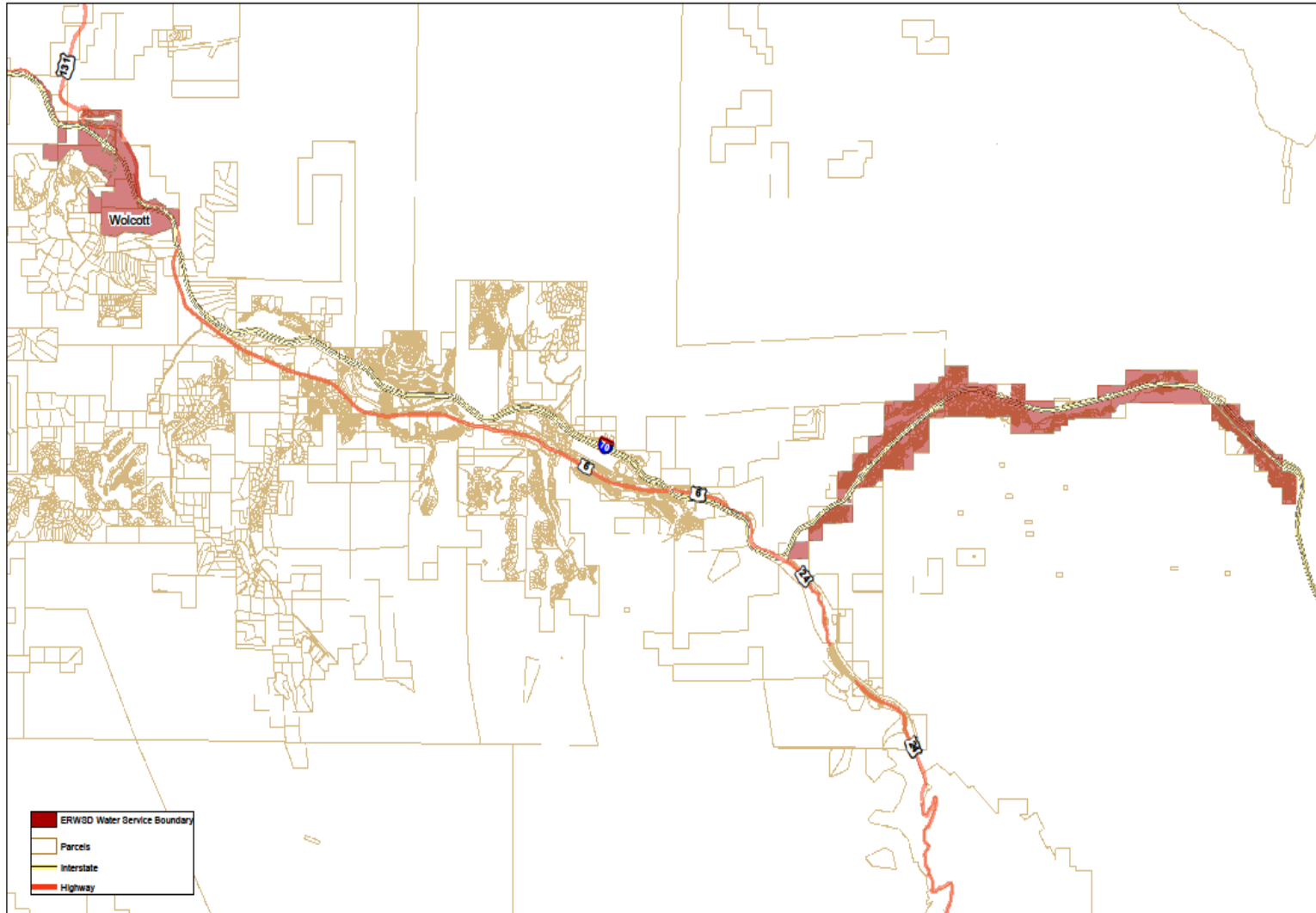
Linn Brooks, General Manager



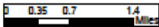
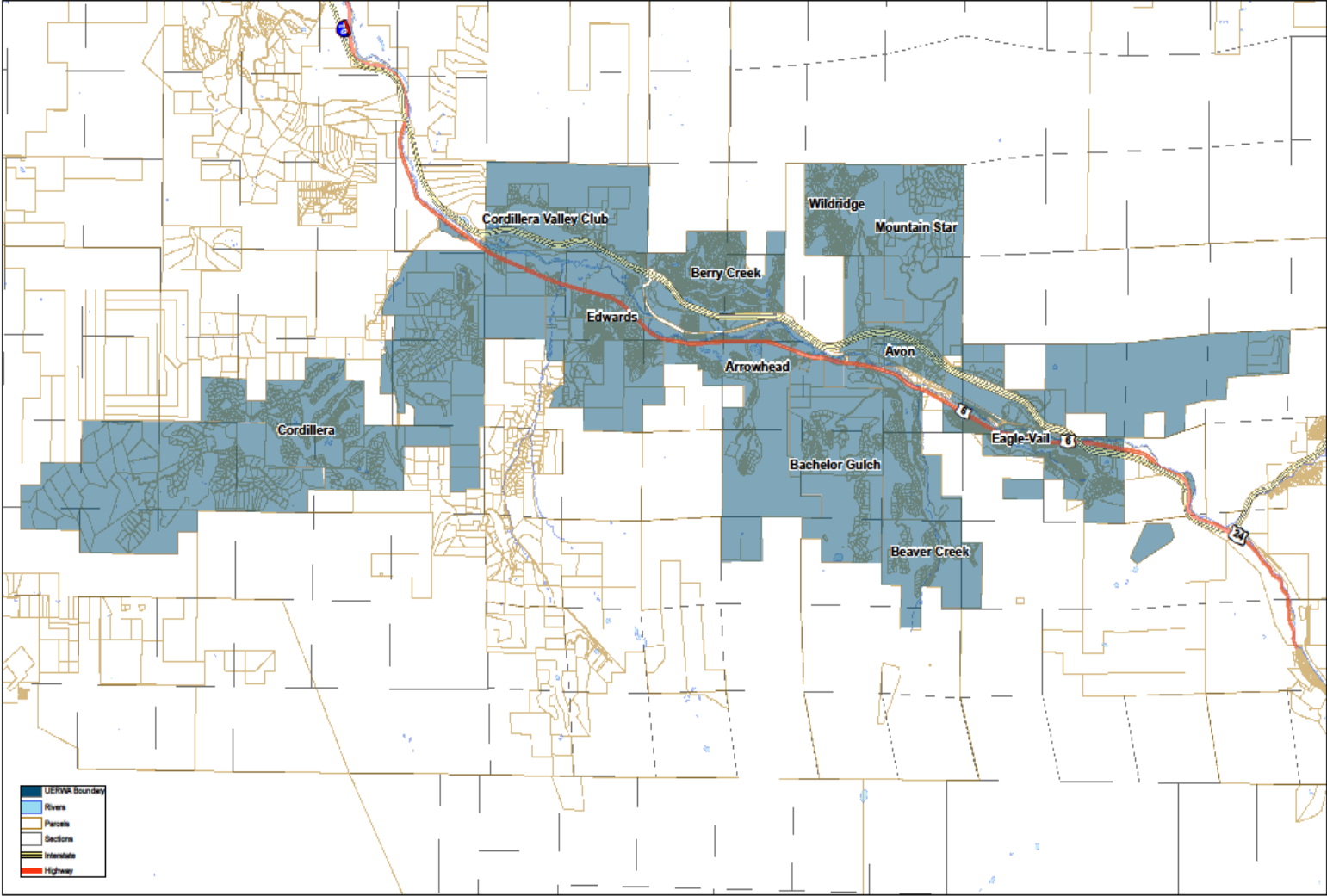
Outline

- Current political structure
- History of water in Eagle River Valley
- Where our water comes from
- How we use water
- Important future issues

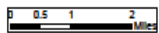
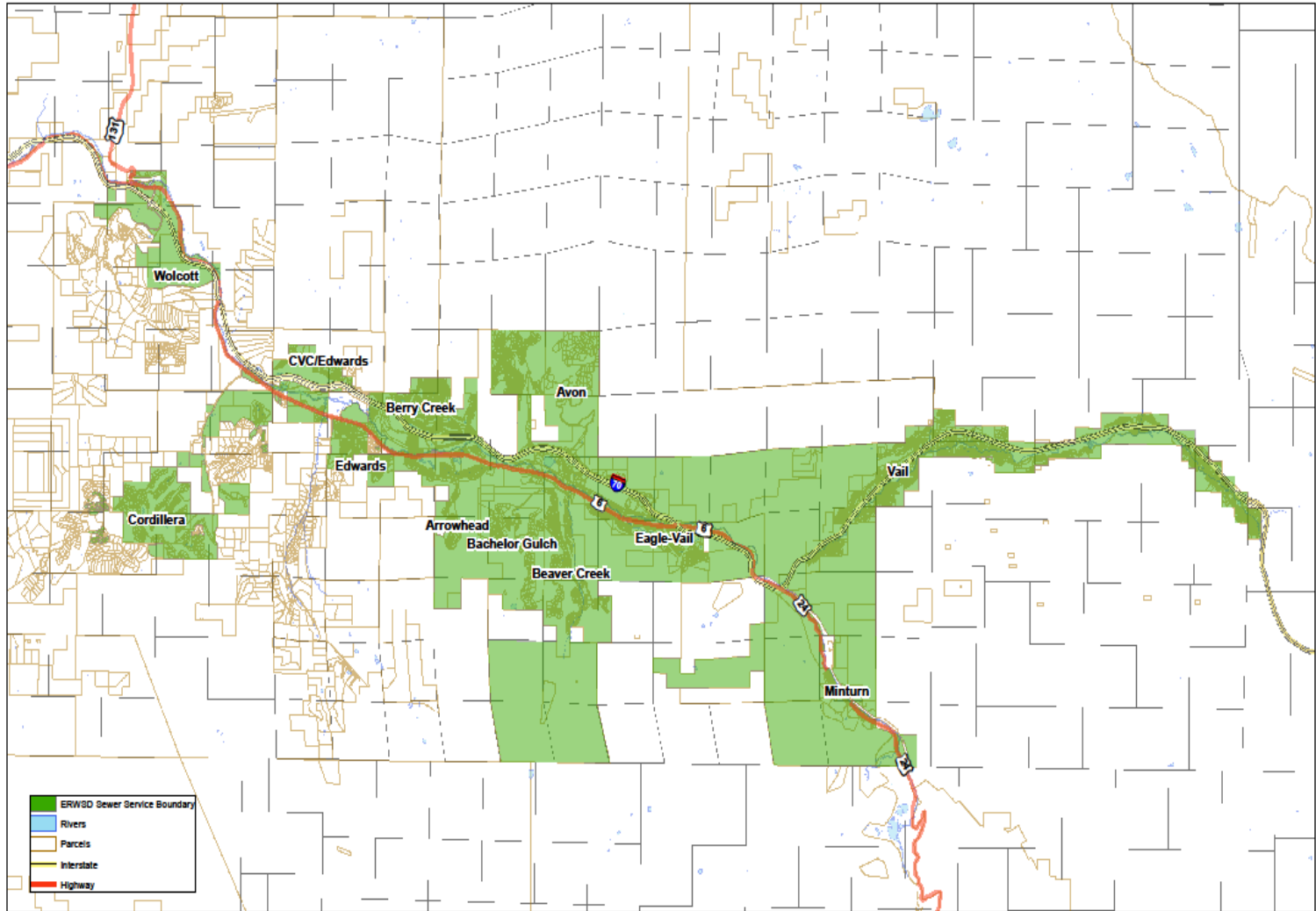
Eagle River Water & Sanitation District Water Service Boundary



Upper Eagle Regional Water Authority Water Service Boundary



Eagle River Water & Sanitation District Sewer Service Boundary

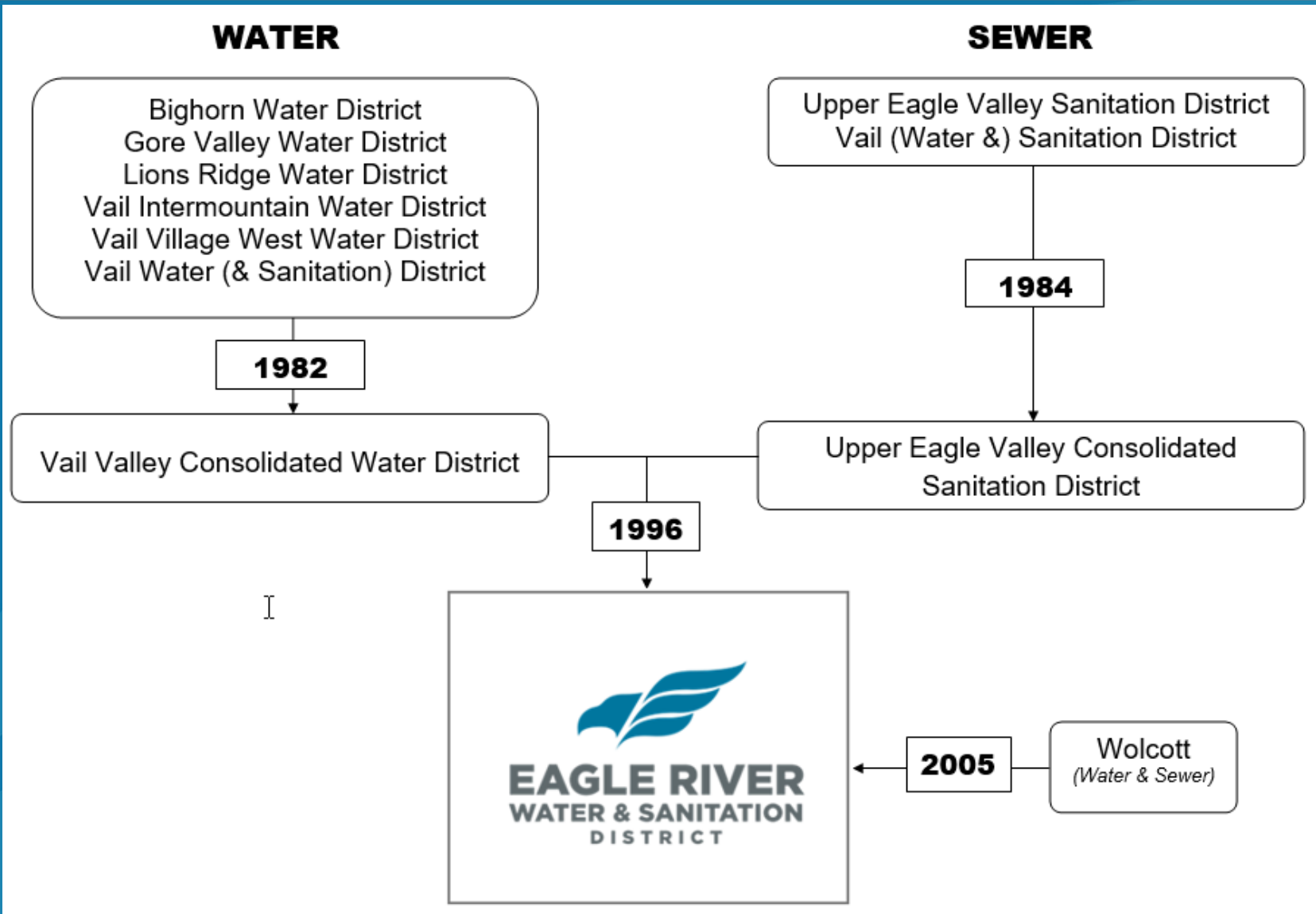


Early Eagle County

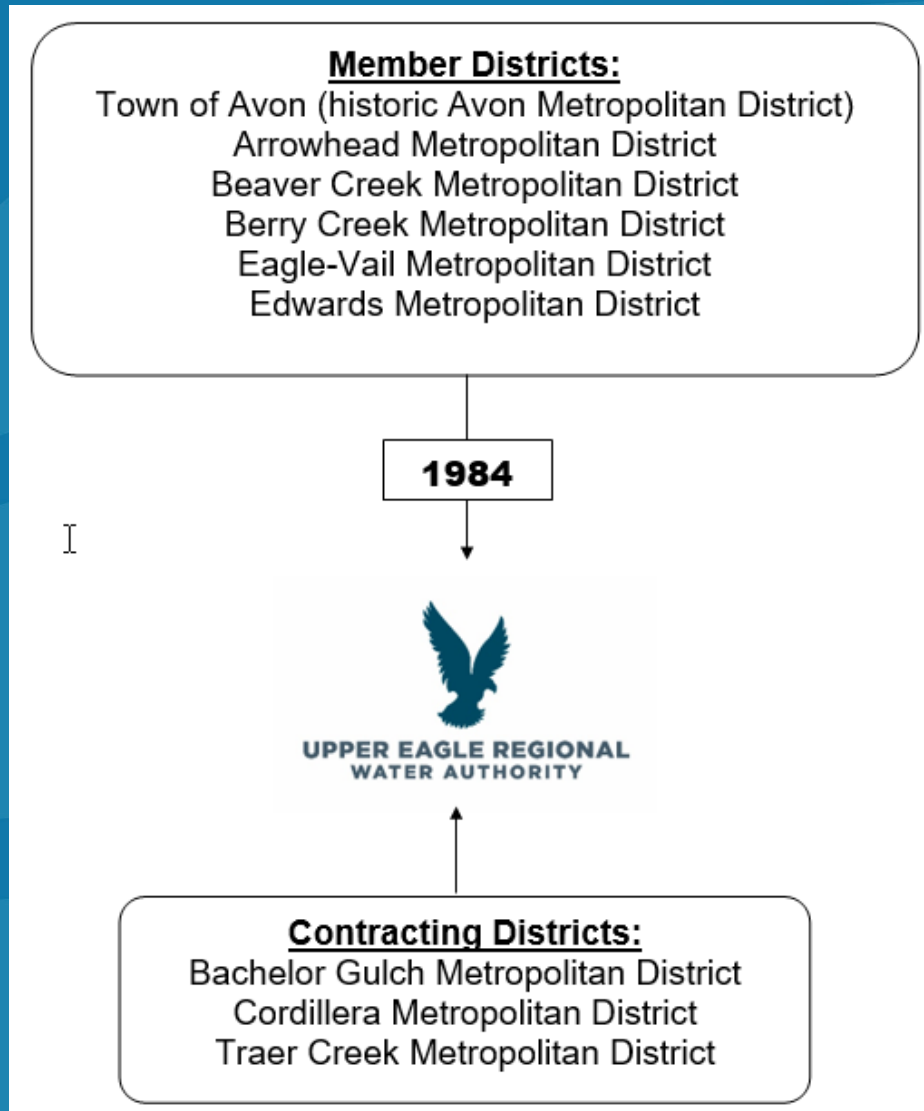


Edwards, CO; courtesy of Eagle County Historical Society

Genealogy – ERWSD



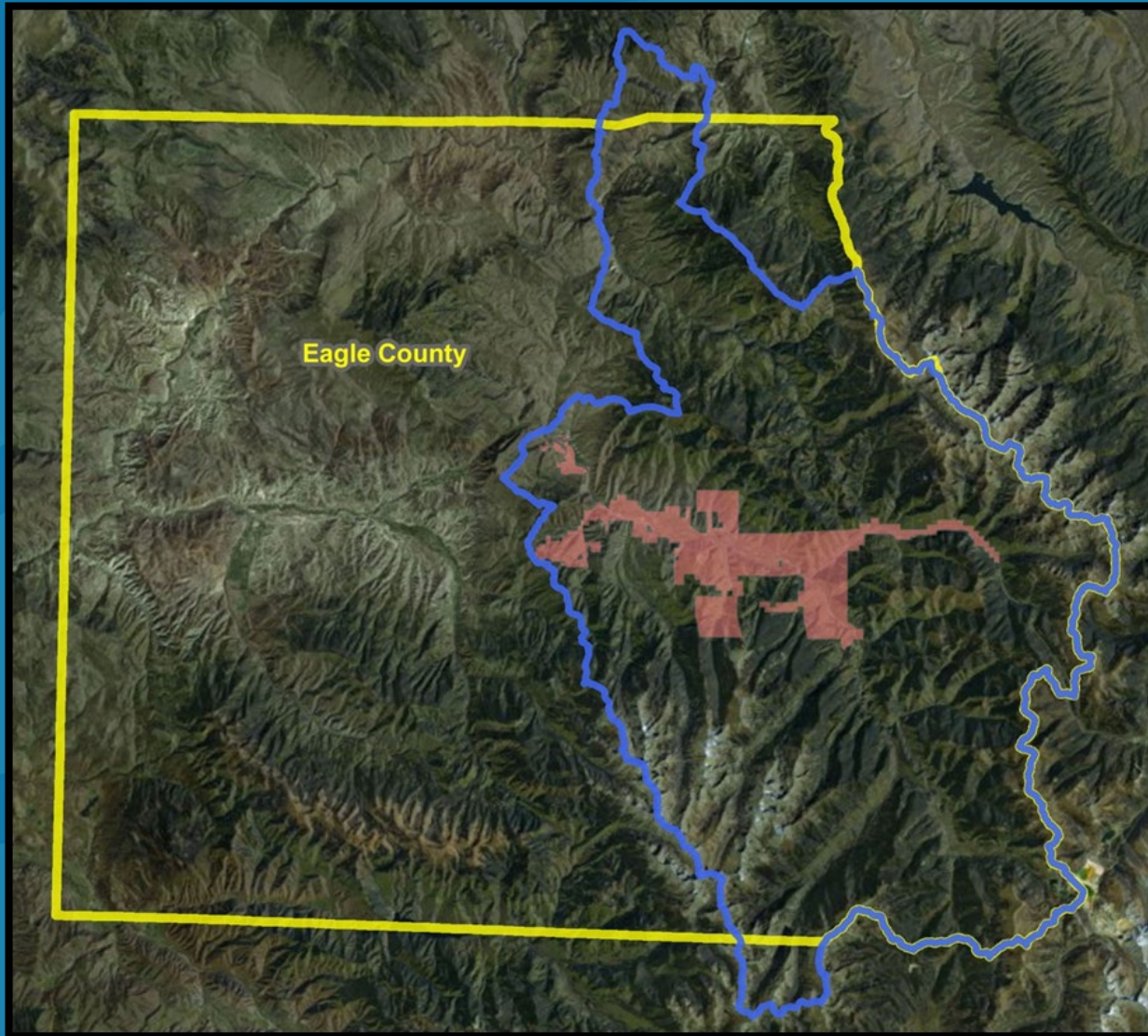
Genealogy – UERWA



Benefits of regionalization

- Centralized water rights administration and strategy
- Integrated water systems for flexibility and optimization
- Administrative and operational efficiency
- Development of in-basin reservoir storage

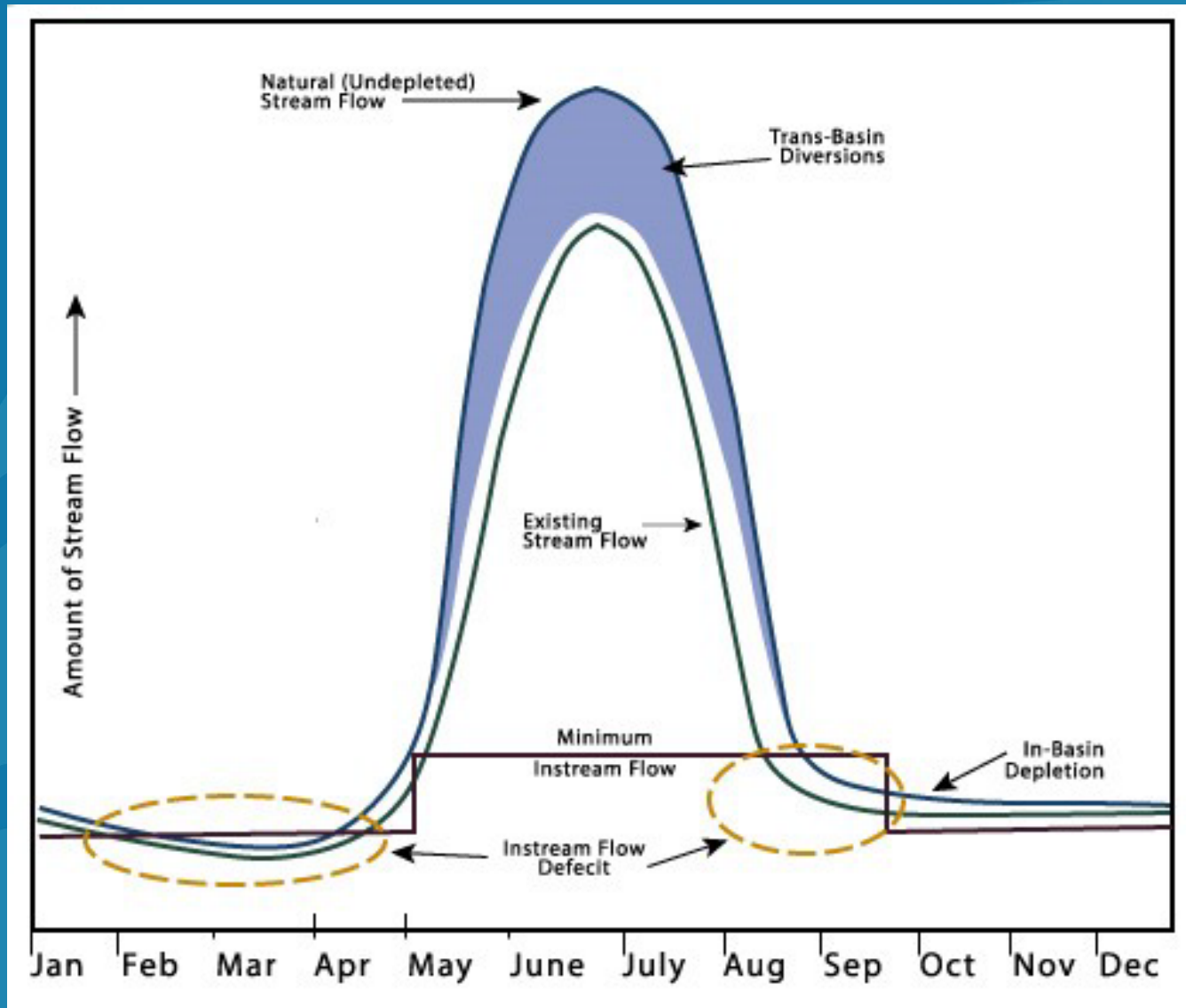
Service area and watershed



Snowpack



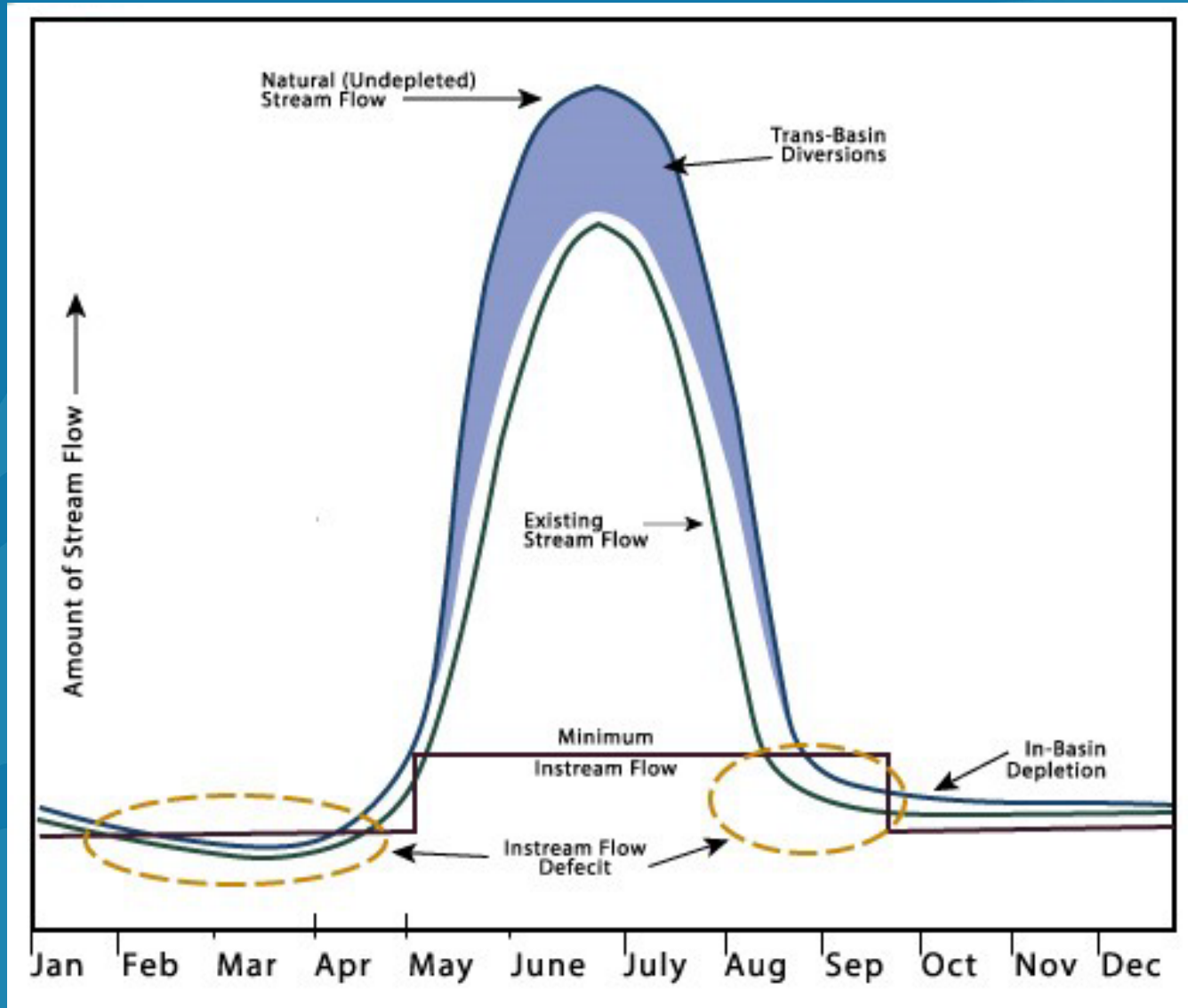
Conceptual diagram of dry year Eagle River streamflow



Zebulon Pike



Conceptual diagram of dry year Eagle River streamflow



Black Lake 1



Eagle Park Reservoir

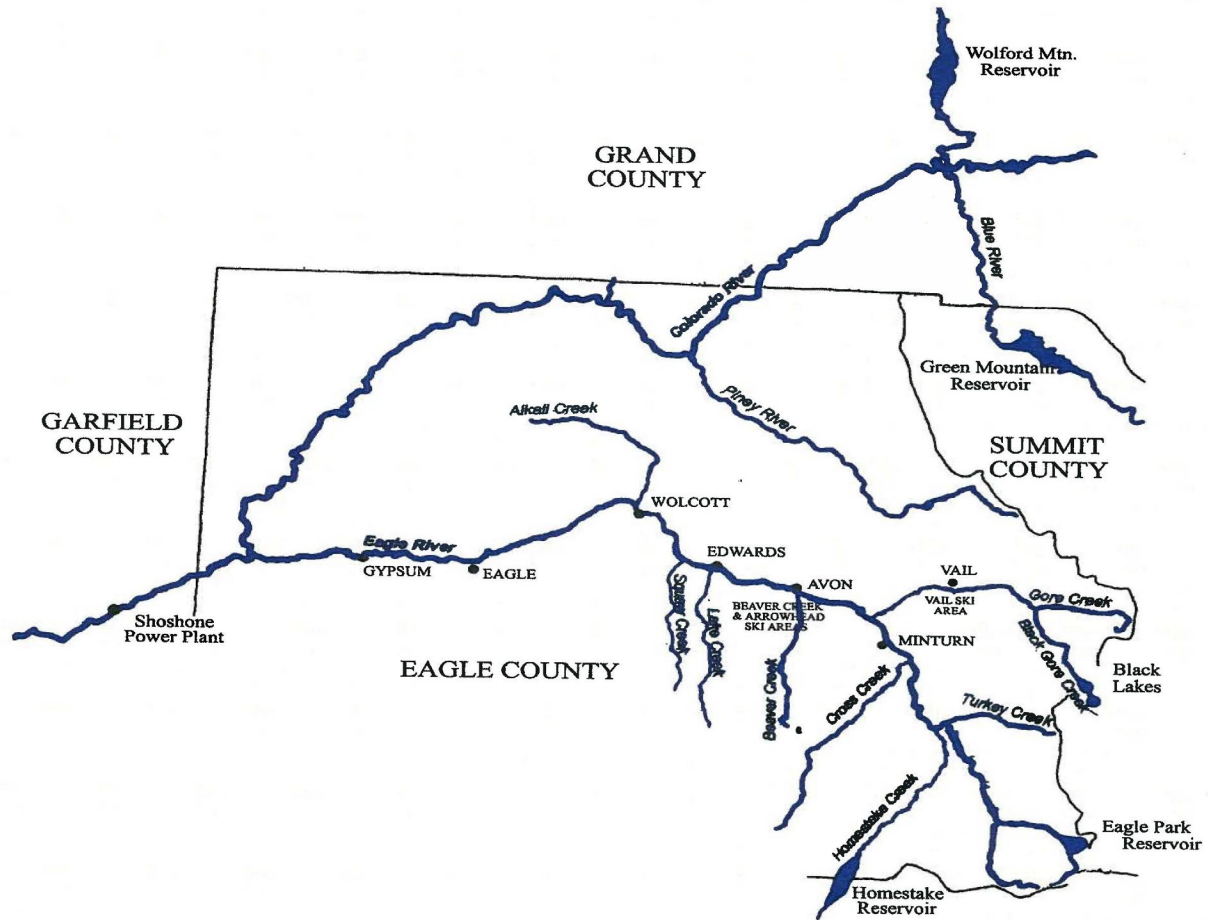


Photo: Ken Neubecker

Homestake Reservoir



Photo: Brent Gardner-Smith/Aspen Journalism



Diversions and outfalls



Water for new development

NEW RESERVOIR STORAGE

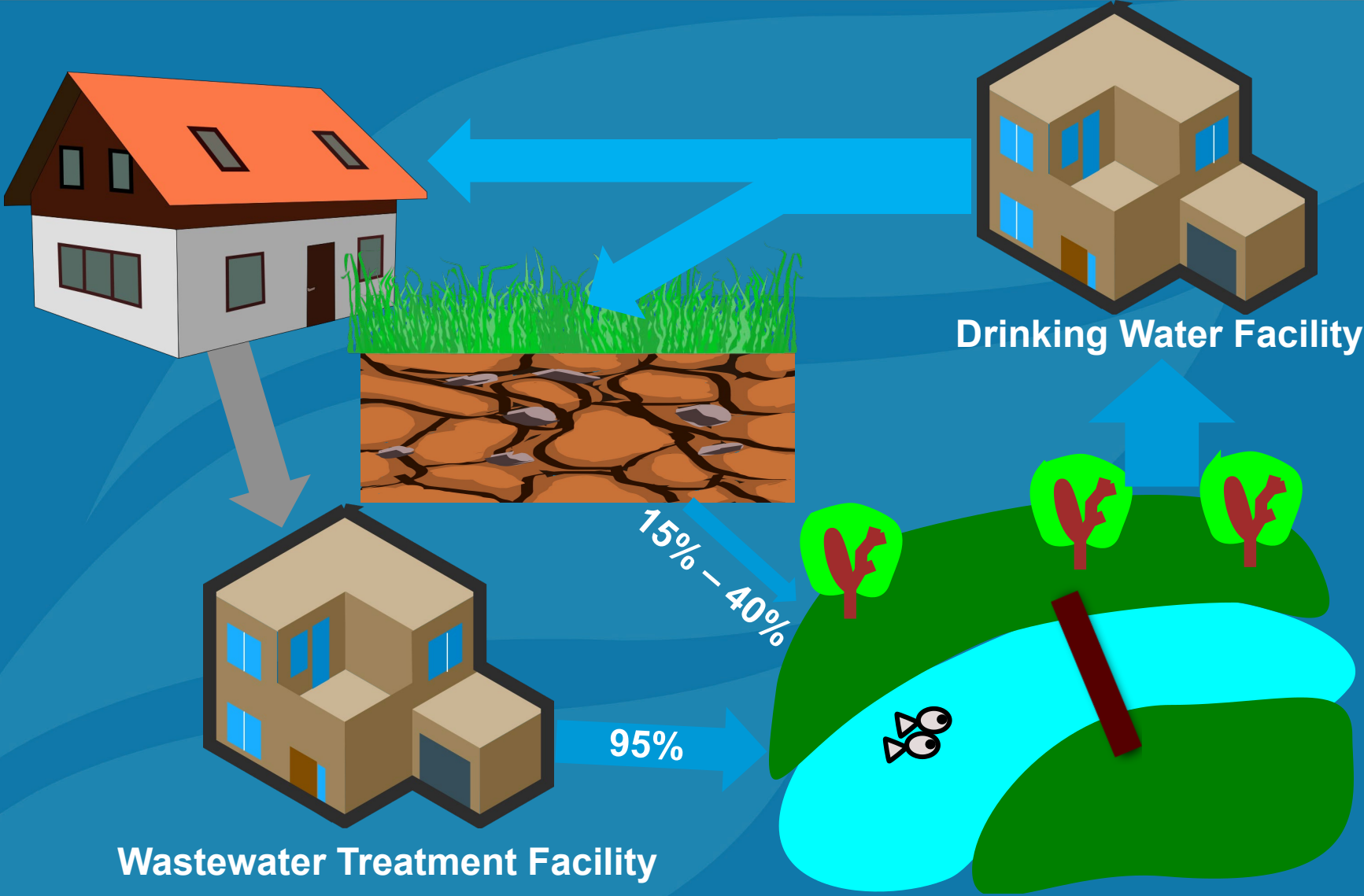
- Developers must dedicate, or pay a fee for, an adequate supply of water.
- Creating new storage is costly and takes many years, and is not feasible for developers to accomplish.
- Reservoirs are expanded or new storage is built to serve forecasted growth.

CONSERVATION

- Building code efficiency requirements.
- Reducing water use for landscaping.



Outdoor water efficiency



Topics for the next presentation

- Water supply model and conclusions
- Water supply master plan
- Proposed Programs and Projects

QUESTIONS / DISCUSSION