

RECLAMATION

Managing Water in the West

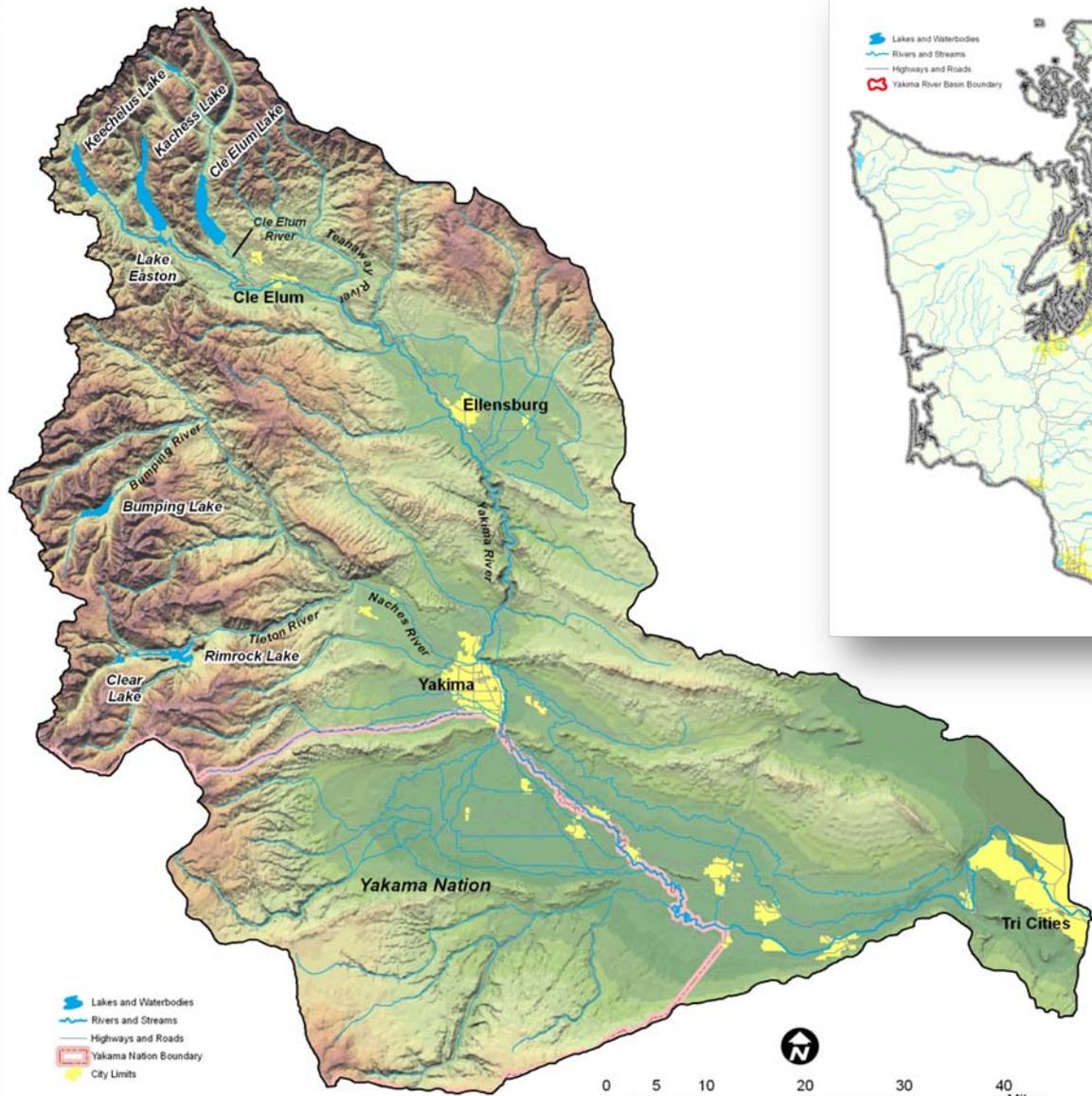
Basin Studies Program Yakima River Basin Study

February 17, 2010

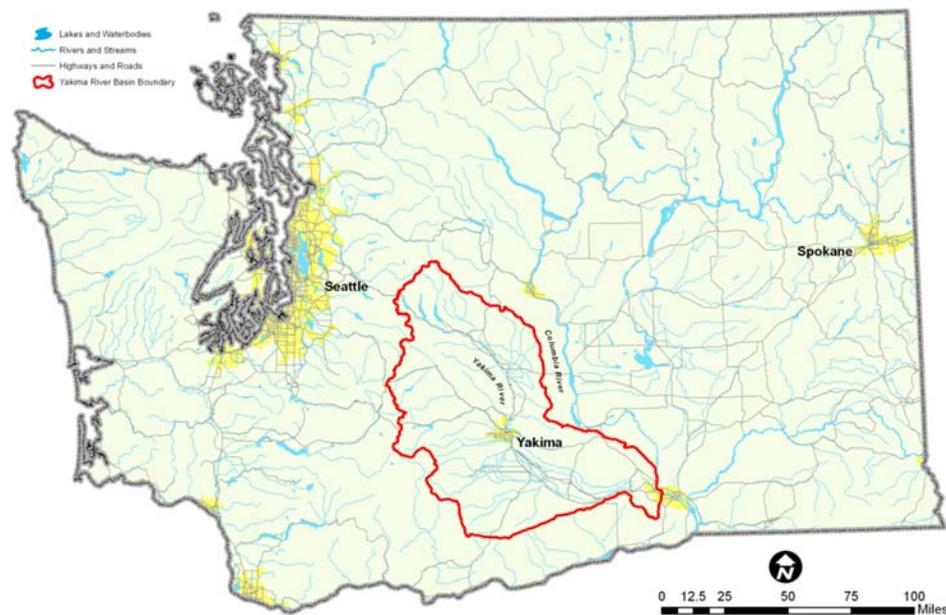
**Wendy Christensen, Technical Projects Program Manager
Columbia-Cascades Area Office
Pacific Northwest Region**



**U.S. Department of the Interior
Bureau of Reclamation**



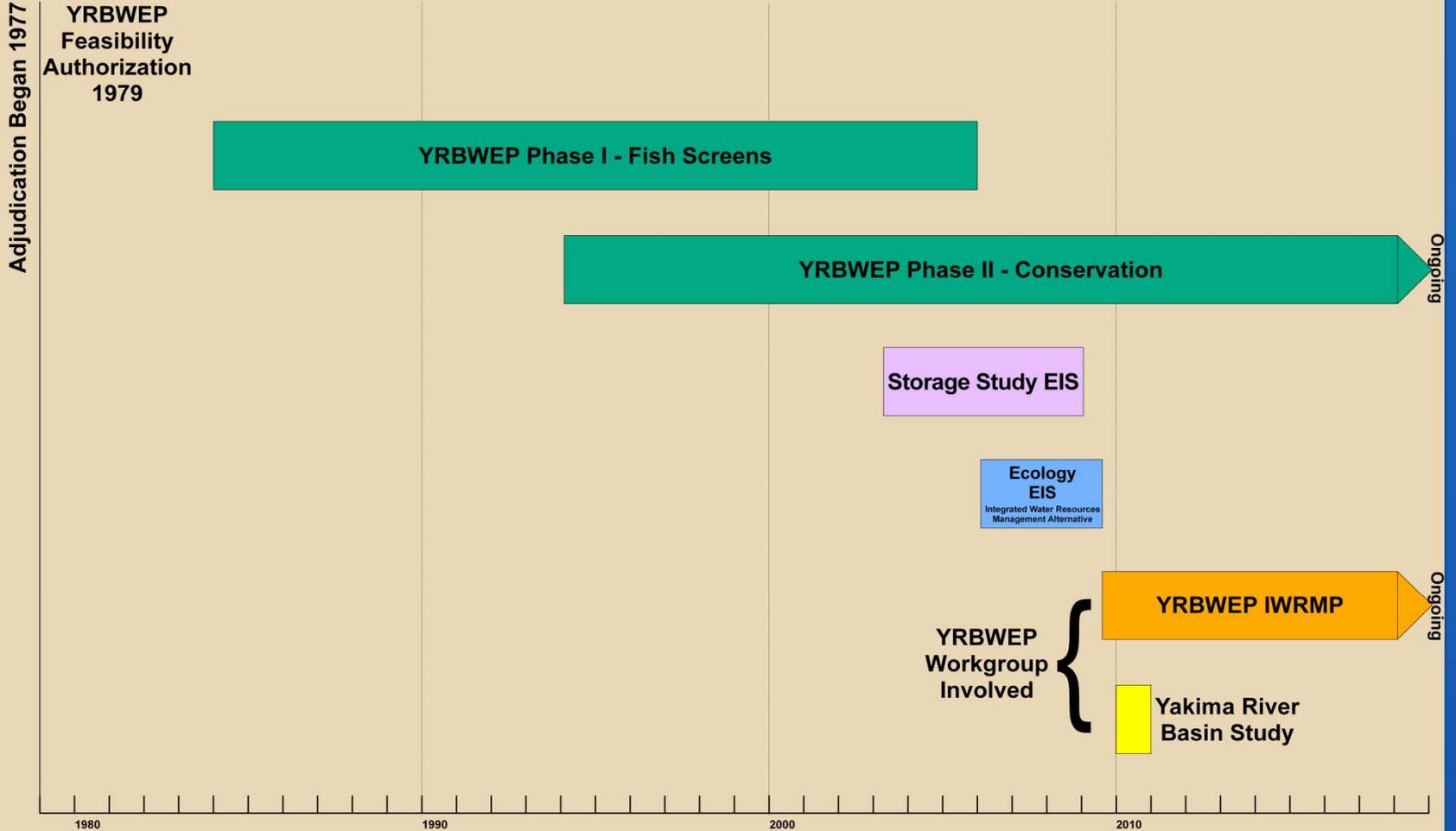
This reference graphic is intended for informational purposes only. It is meant to assist in feature location relative to other landmarks. Geographic features may have been intentionally simplified in an attempt to provide a more readable product. No representation is made as to the accuracy of this document.



Yakima River Basin Location

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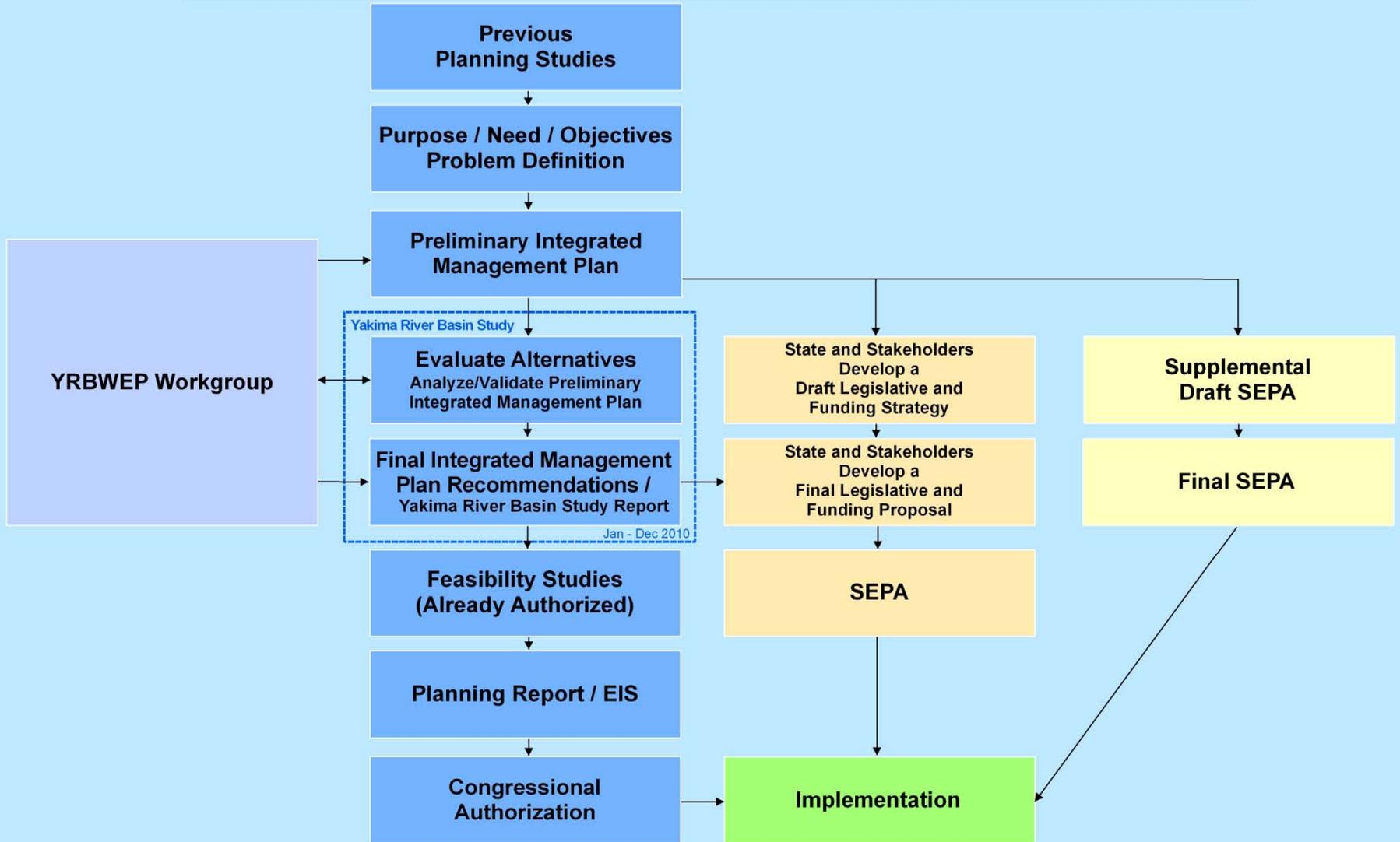
Integrated Water Resource Management Plan (IWRMP)

- **Seven elements:**
 - **Fish Passage at existing reservoirs**
 - **Structural and operational changes to existing facilities**
 - **New or expanded storage reservoirs**
 - **Groundwater storage**
 - **Fish habitat enhancements**
 - **Enhanced conservation**
 - **Market-based reallocation of water resources**

Yakima River Basin Study

- **Objectives:**
 - **Achieve consensus around a set of strategies for addressing water supply and streamflow imbalances as well as other aquatic resource issues;**
 - **A plan to move forward with a solution to the basin water shortages – Final IWRMP**
 - **Affordable and adaptable program that can adjust to future needs of the basin to accommodate climate change and population growth**

YAKIMA BASIN INTEGRATED WATER RESOURCE MANAGEMENT PLAN



Yakima River Basin Study

Plan of Study

- **Evaluate benefits and impacts of the IWRMP**
- **Demand and Supply Analysis including climate change impacts**
- **Analyze impacts to water and power infrastructure**
- **Develop elements to supply adequate water in the future**
- **Input from YRBWEP Workgroup during Basin Study**

Yakima River Basin Study

Schedule

- **Complete initial steps – January 2010**
 - **Intergovernmental Agreement**
 - **Plan of Study**
 - **Public Involvement Plan**
- **Evaluation and Analysis – January – December 2010**
- **Complete study – January 2011**