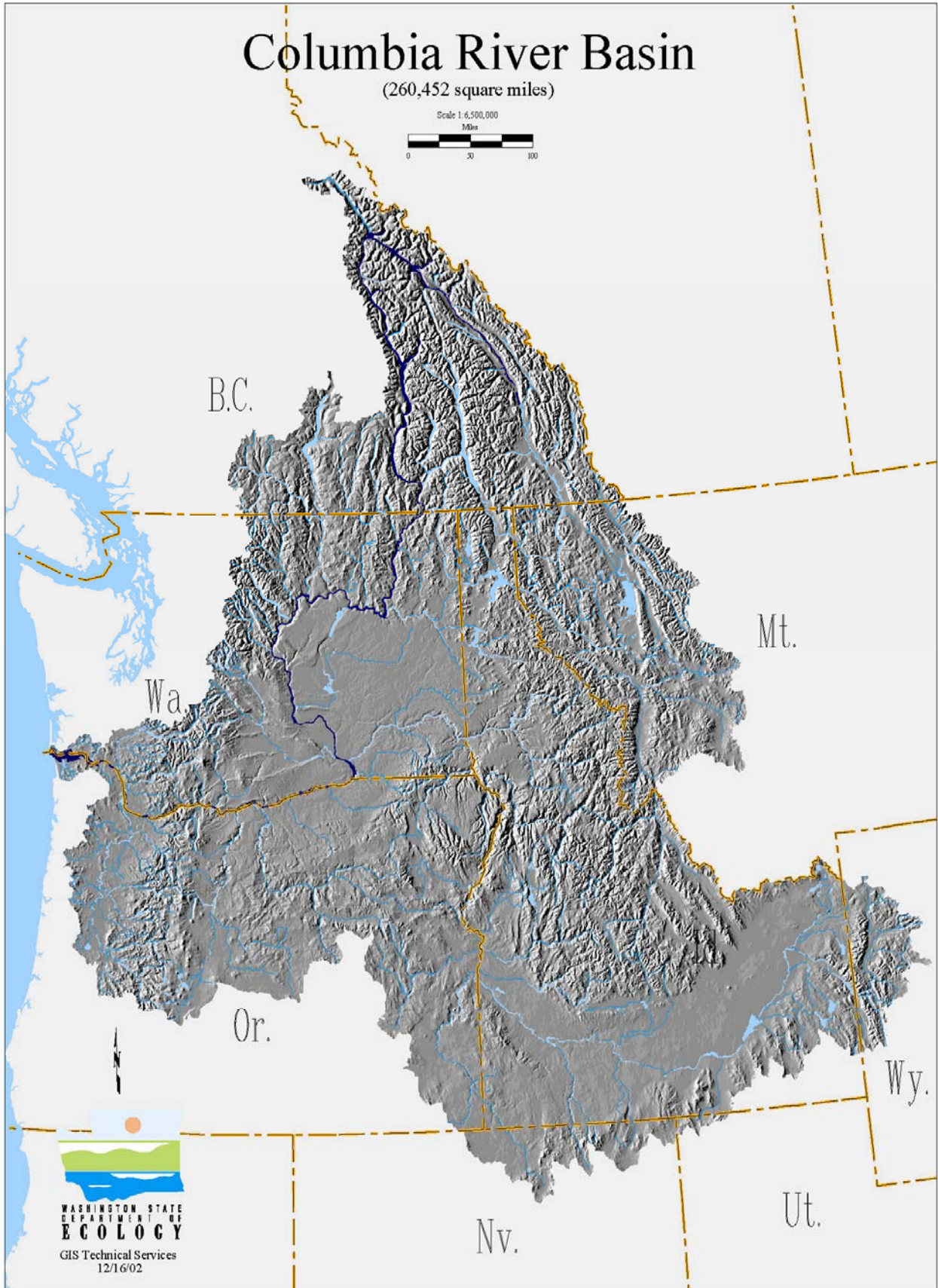


Columbia River Basin

(260,452 square miles)

Scale 1:6,500,000



WASHINGTON STATE
DEPARTMENT OF
ECOLOGY
GIS Technical Services
12/16/02

Ecology Investment Atlas

Columbia Basin Projects

July 1, 2005 - June 30, 2007

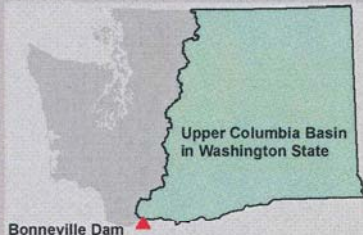
\$18,626,693



Legend

— County Boundary

● Projects



Ecology Investment Atlas

Columbia Basin Projects

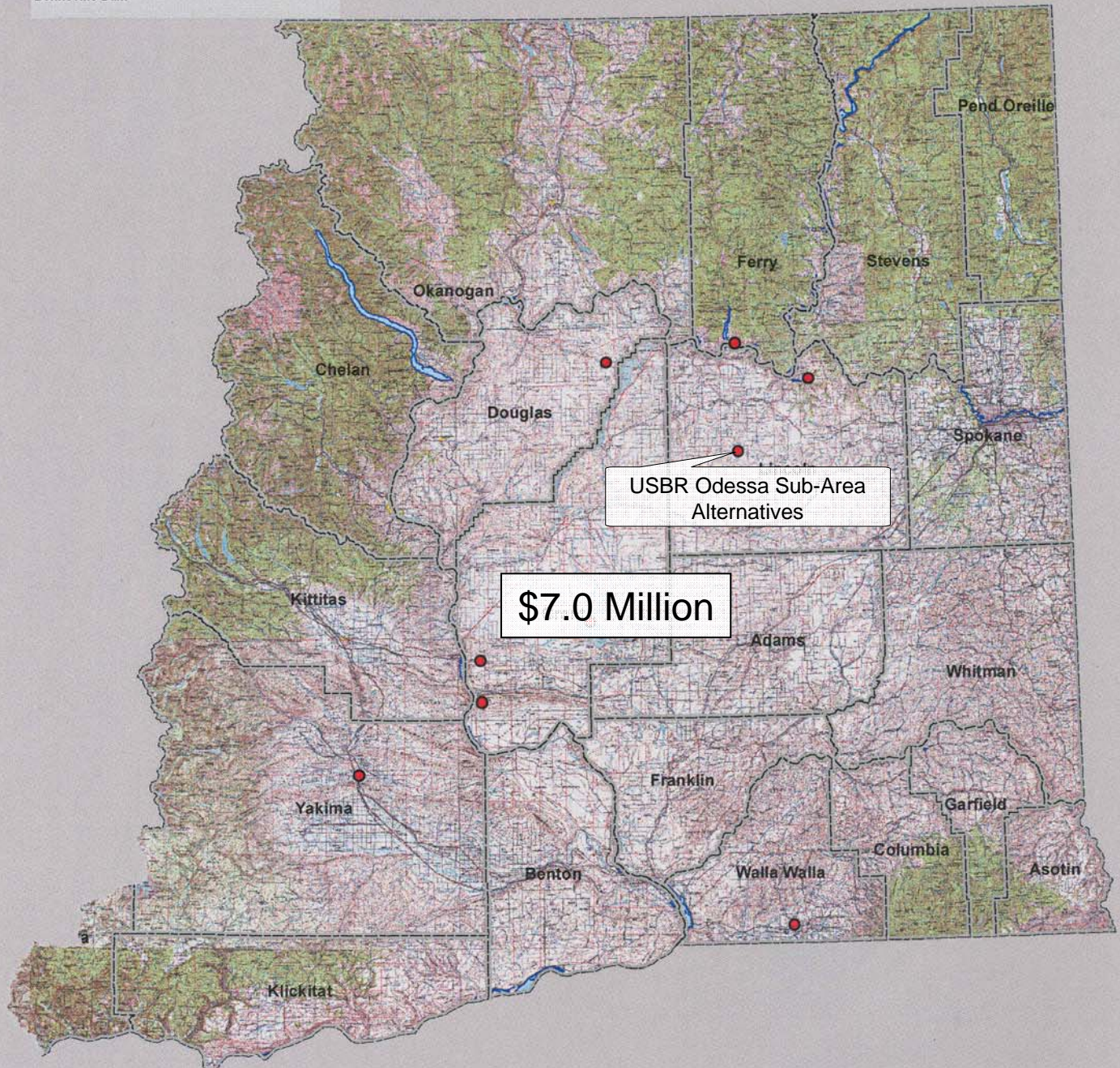
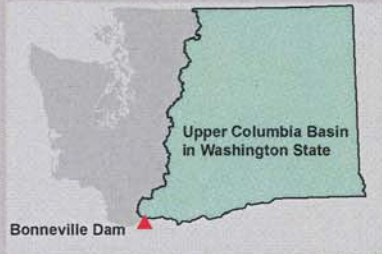
July 1, 2005 - June 30, 2007

\$18,626,693



Legend

- County Boundary
- Projects



Ecology Investment Atlas

Columbia Basin Projects

July 1, 2005 - June 30, 2007

\$18,626,693



Legend

— County Boundary

● Projects

Odessa Subarea Special Study

\$7.0 million

Purpose:

Replace ground water from declining aquifers with Columbia Basin Project surface water on 48,000 to 120,000 acres of irrigated farm land

Schedule:

- Appraisal-level report completed Spring 2007
- Feasibility-level report and EIS completed - Summer 2010

Ecology Investment Atlas

Columbia Basin Projects

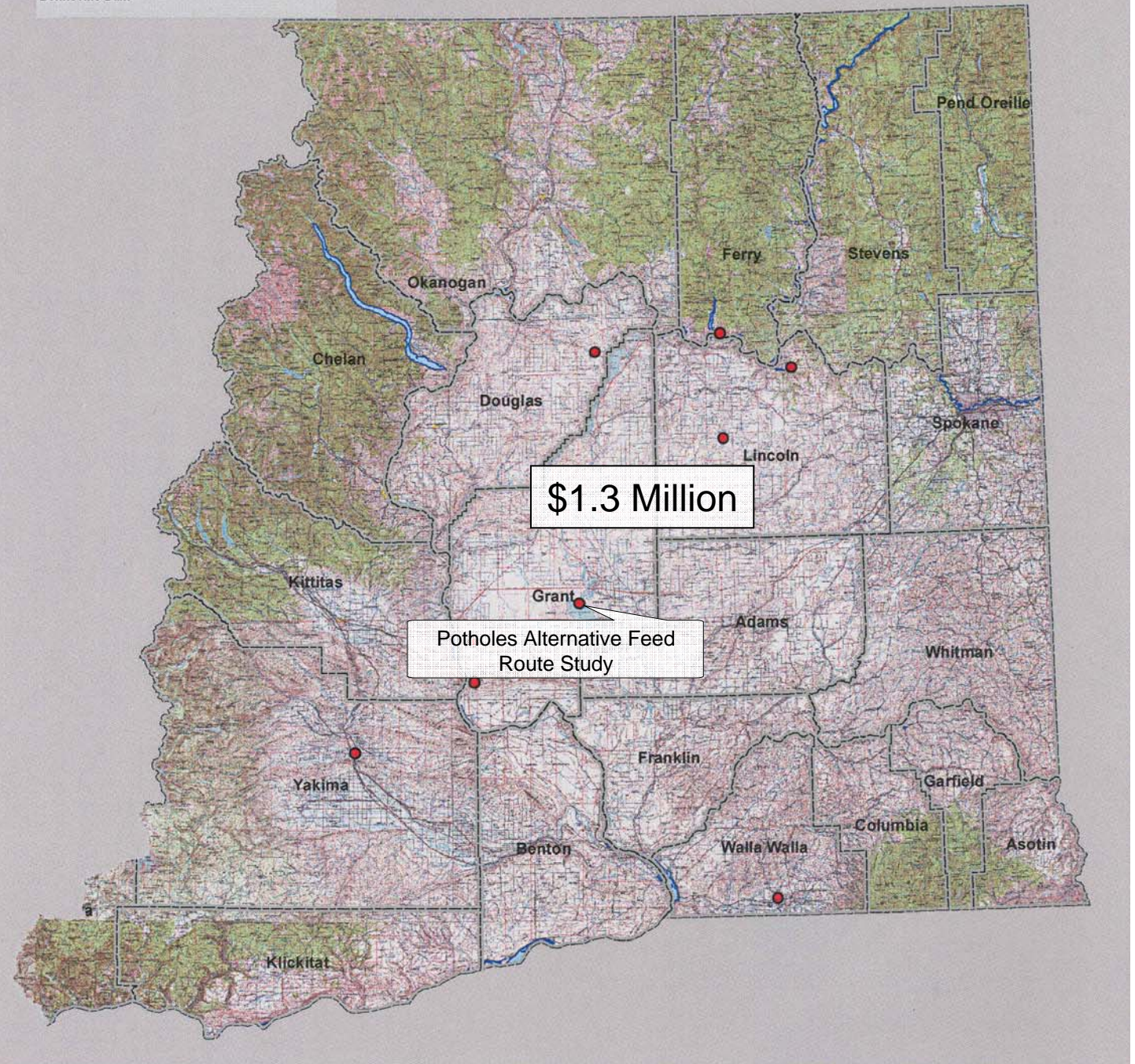
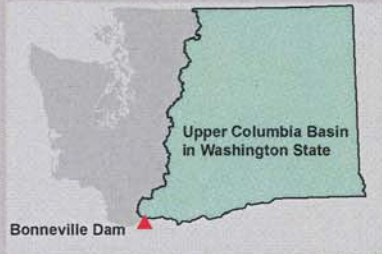
July 1, 2005 - June 30, 2007

\$18,626,693



Legend

- County Boundary
- Projects



Ecology Investment Atlas

Columbia Basin Projects

July 1, 2005 - June 30, 2007

\$18,626,693



Legend

- County Boundary
- Projects

Potholes Supplemental Feed Route

\$1.3 million

Purpose:

Increase operational flexibility and reliability of Columbia Basin Project by providing an additional route for conveying project water to Potholes Reservoir

Schedule:

- Design/NEPA Environmental Assessment completed July 2007
- Construction initiated – Fall 2007 to Spring 2008

Ecology Investment Atlas

Columbia Basin Projects

July 1, 2005 - June 30, 2007

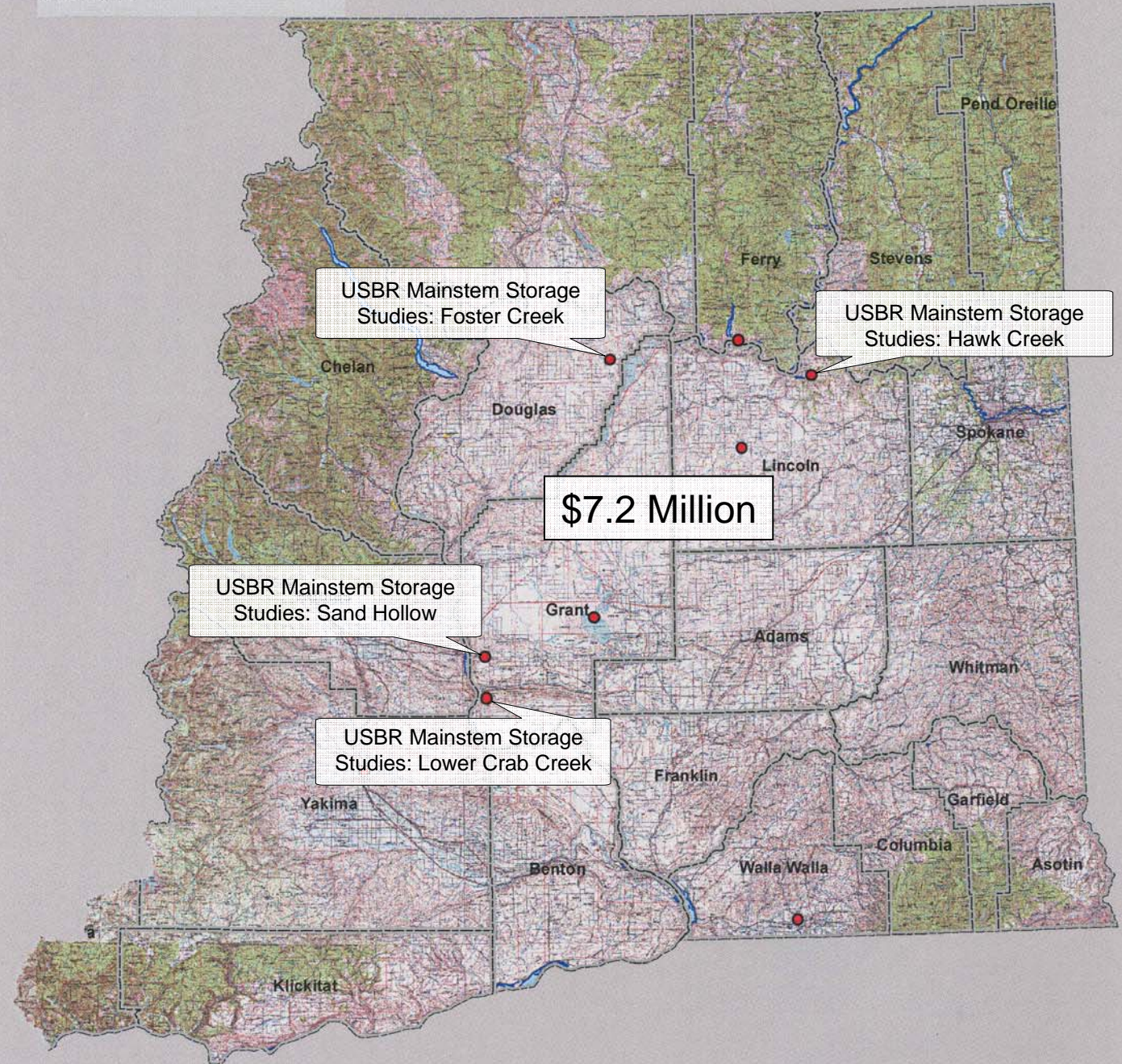
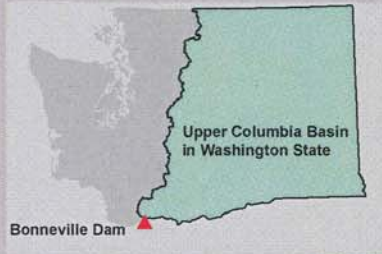
\$18,626,693



Legend

County Boundary

Projects



Ecology Investment Atlas

Columbia Basin Projects

July 1, 2005 - June 30, 2007

\$18,626,693



Legend

— County Boundary

● Projects

Columbia River Mainstem Off-Channel Storage

\$7.2 million

Purpose:

Evaluate potential of large, off-channel storage sites to support Columbia River Management Program objectives

Schedule:

Appraisal-level report completed – March 2007
(If Congressional authorization obtained) Feasibility-level study initiated – 2009

Ecology Investment Atlas

Columbia Basin Projects

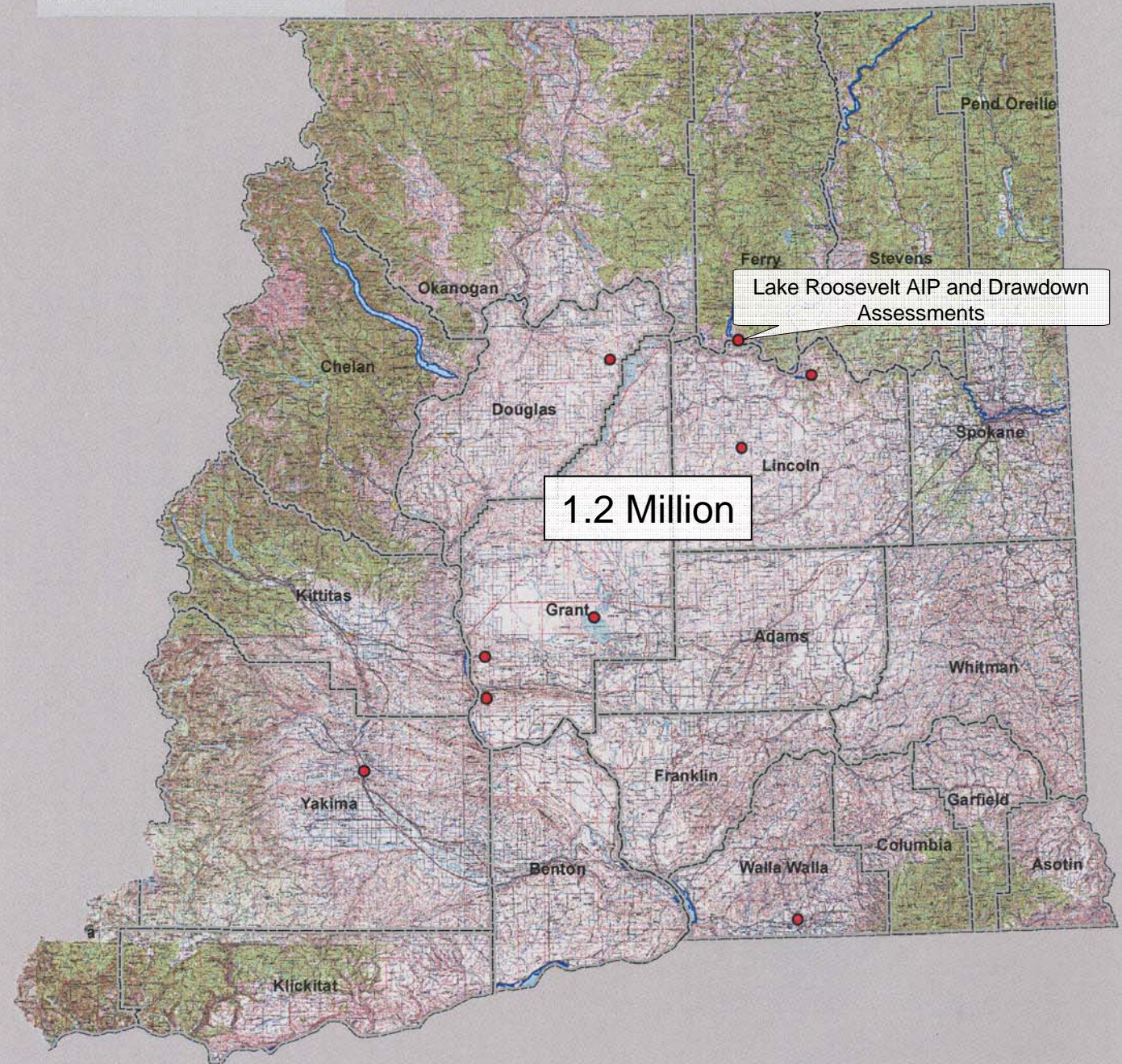
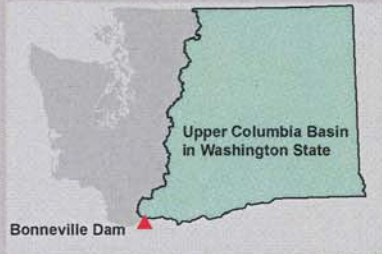
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Legend

- County Boundary
- Projects



Ecology Investment Atlas

Columbia Basin Projects

July 1, 2005 - June 30, 2007

\$18,626,693



Legend

- County Boundary
- Projects

Lake Roosevelt Drawdown

\$1.2 million

Purpose:

Divert up to 82.5K acre feet of water stored behind Grand Coulee Dam under Reclamation's existing storage right to provide water for Odessa (30K), municipal needs (25K), and instream flow (27.5K) every year, and an additional 50K acre feet of water for interruptible water right holders (33K) and instream flow (17K) during drought years

Schedule:

- Confederate Tribes of the Colville Reservation studies completed – Summer 2007
- Supplemental EIS completed – March 2008
- Water right decisions – April 2008

Ecology Investment Atlas

Columbia Basin Projects

July 1, 2005 - June 30, 2007

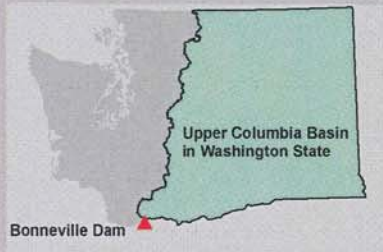
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Legend

County Boundary

Projects



Ecology Investment Atlas

Columbia Basin Projects

July 1, 2005 - June 30, 2007

\$18,626,693



Legend

— County Boundary

● Projects

Yakima Basin Storage Study

\$1.4 million

Purpose:

Evaluate storage options to improve anadromous fish habitat, reliability of irrigation supplies, and availability of water for municipal needs

Schedule:

- Appraisal-level study completed – October 2006
- Feasibility study and Environmental Impact Statement completed – June 2008

Ecology Investment Atlas

Columbia Basin Projects

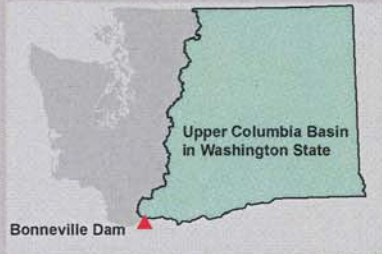
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Legend

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- Projects



Ecology Investment Atlas

Columbia Basin Projects

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Legend

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- Projects

Walla Walla Pump Exchange

\$400,000

Purpose:

Evaluate storage and other water supply options to improve anadromous fish habitat, the reliability of irrigation water supplies, and the availability of water for municipal needs. State funding is committed to evaluate the potential costs and benefits of a pump-exchange of water from the Columbia River.

Schedule:

- Conceptual Design – Early 2008
- Feasibility Study and Environmental Impact Statement completed – Mid 2009

Ecology Investment Atlas

Columbia Basin Projects

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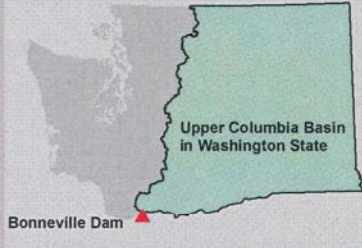
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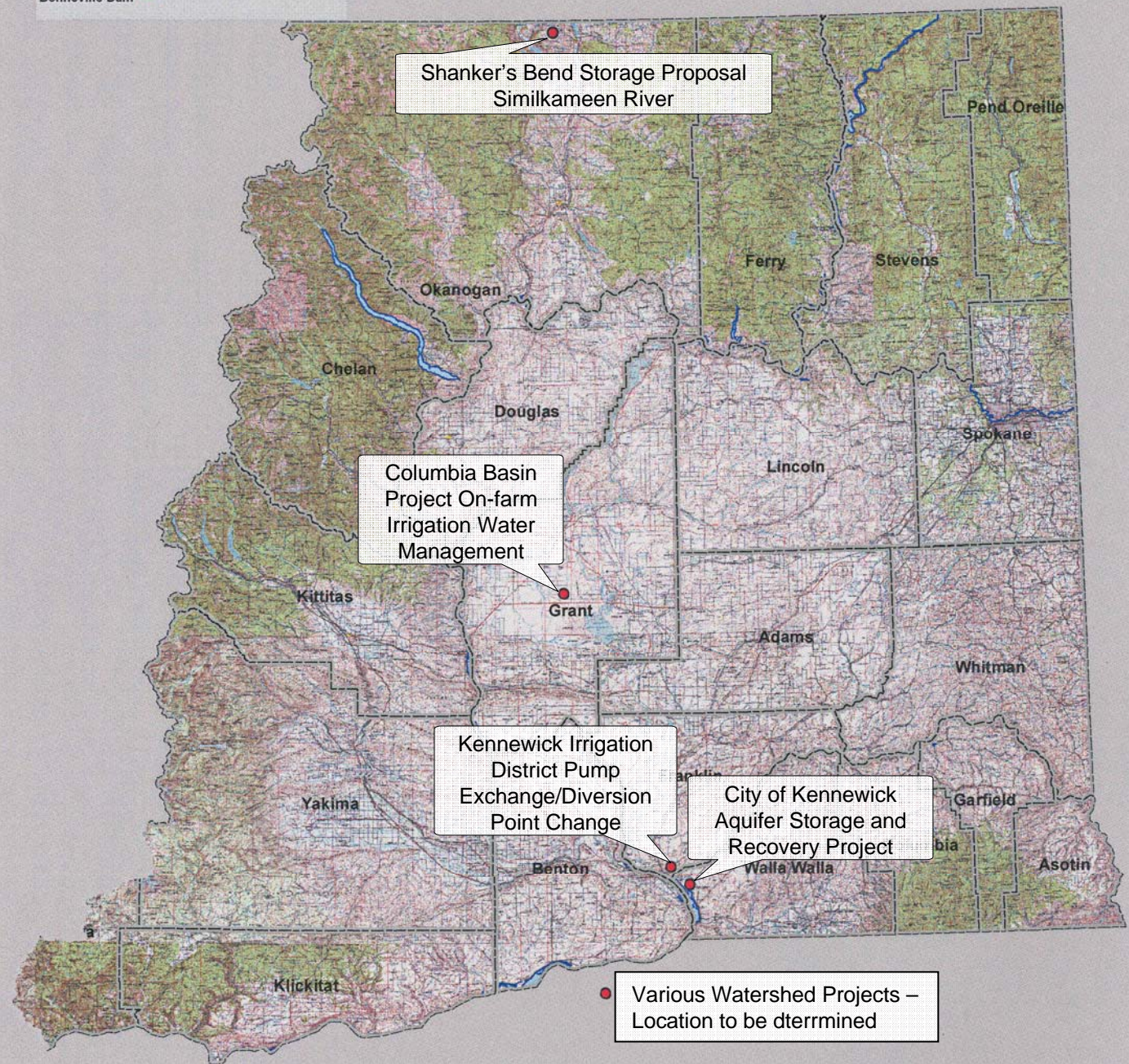
Legend

County Boundary

Projects



Emerging Projects



Ecology Investment Atlas

Columbia Basin Projects

July 1, 2005 - June 30, 2007

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Legend

- County Boundary
- Projects

Emerging Projects – Costs to be Determined

Shanker's Bend Storage Proposal – Similkameen River

City of Kennewick Aquifer Storage and Recovery Project

Kennewick Irrigation District Pump

Exchange/Diversion Point Change

Columbia Basin Project – On-farm Irrigation Water Management

Various watershed projects