Reclamation and Partners Examine Downstream Replacement Dam

Reclamation is working closely with Clean Water Services and other project partners to consider design concepts that will strengthen the dam and meet the water needs of the community. In 2016, Reclamation will complete the Scoggins Dam Corrective Action Study (CAS) and select a preferred alternative for addressing Dam safety issues and provide additional storage. In 2017, Reclamation will begin the feasibility study and environmental review.

Among the alternatives currently under consideration:

- Strengthen and raise Scoggins Dam in its current location
- Replace the existing dam with a new dam downstream of the existing facility at a narrow gap in the valley

The goal of evaluating several concepts is to be sure that all cost-effective approaches have been explored before moving on to more detailed assessments. A downstream replacement structure could significantly reduce project costs for both the federal, state and local agencies to leverage their shared investments in order to protect public safety; secure the region's primary water supply and meet the long-term needs of our community.

Water is Key to Long-term Regional Vitality

As the economic engine of Oregon, the businesses, farmers and residents of Washington County need dependable, safe and secure fresh water resources to ensure the long-term economic health and livability of our region.

Local water resource agencies in the Tualatin Basin are working together to plan for diverse, safe, and resilient water supplies in order to meet the needs of our growing region. Concurrent with the Partners' efforts to secure Scoggins Dam, major municipal water suppliers are planning to expand the Willamette River Treatment Plant to meet future drinking water needs. Together, this portfolio of water investments will help assure that Washington County can secure its primary water source at Scoggins Dam and plan the future.

A Shared Commitment to Safe, Secure, Reliable Water Supplies

Federal authorization for the TBWSP was secured in the Energy and Water Development Act, 2004 (P.L. 108-136). Congress has provided $1.46 million of the authorized $2.9 million for the federal share of the study. In order to keep the project moving forward the Partners advance funded the balance of the federal share ($1.44 million) and invested more than $15 million to complete the Scoggins Dam Raise Appraisal Study, the Water Supply Feasibility Study and the Environmental Review.

The Partners are prepared to move forward on the dam safety and water supply joint project. Under the Contributed Funds Act, Clean Water Services has the resources prepared to expedite the feasibility and environmental review process and fund the additional benefits analysis, design and construction concurrent with the dam safety improvements.

Smart Investments Now Will Benefit Entire Region for Generations

The Tualatin Basin Water Supply Project is an investment in the health and sustainability of the region's watershed, economy, and community. Direct benefits of the project include:

**Economic Development**

Washington County is the economic engine of the state, generating more state revenue than is returned to the area. A reliable, secure and cost-effective water supply is essential to the continued economic health of the region.

**Watershed Health**

Sustaining the overall health of the Tualatin River watershed is a primary goal of local water resource agencies. Adequate instream flow is a major factor in maintaining water quality and fish habitat. Two fish species in the Tualatin River are listed as threatened under the federal Endangered Species Act (ESA). Restoration of fish habitat will require more water.

**Community Livability**

Quality of life is directly related to the region's economy and sustainability. Residents of Washington County value the beauty, quality and recreational opportunities afforded by the area's natural environment. The region must continue to maintain and enhance a distinctive quality of life to attract talented workers.

**Other Project Benefits Include:**

- Agricultural irrigation
- Water conservation
- Reliable, safe and cost-effective water supply
- Improved fish and wildlife habitat
- River and tributary flow restoration
- Flood management
- Expanded recreational use
- Restoration of ESA-listed Spring Chinook and Steelhead

“The region's future is tied to our ability to plan for and deliver fresh, clean water to every home, farm and business while restoring flow to the river.”

Chair Andy Duyck,
Washington County Commission

“Diversified water sources are vital to ensure a safe, secure and sustainable water supply for the entire region.”

Mayor Denny Doyle,
City of Beaverton
Henry Hagg Lake: A Regional Asset

Reclamation’s Henry Hagg Lake, formed by Scoggins Dam, is a critical component of the region’s long-term water supply and a major regional asset. Managed in partnership with local water resource management agencies, the facility:

- Provides drinking water for 400,000 people
- Supports 281,000 jobs at more than 18,300 businesses in Washington County including Intel, Genentech, SolarWorld and Nike
- Irrigates 17,000 acres of the state’s most productive farmland with a wide variety of crops and products
-Restores flow to the Tualatin River providing critical habitat to fish and wildlife

Washington County, Oregon

Washington County, Oregon is the second-fasted growing county in the state with a population of more than 570,000 and the economic engine of Oregon—home to Intel, Nike, SolarWorld, Genentech and a vibrant agricultural economy. Safe, secure and reliable water resources are central to the state and region’s economic success and livability. The number of jobs on the westside has more than doubled in the last 20 years, reaching over 250,000. The westside has outpaced the rest of the Portland metro region in economic development and is a net exporter of earnings to the state.

“‘This project is essential for meeting the long-term water supply needs of our community.”

Mayor Jerry Willey, City of Hillsboro

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Sustaining Oregon’s Economy, Watershed and Community

Washington County, Oregon