Leveraging Our Shared Investments for Public Safety and Water Security

Protecting public safety and meeting the region's future water needs are central themes of the Tualatin Basin Water Supply Project. Clean Water Services and the Tualatin Project repayment contractors are working closely with Bureau of Reclamation to ensure dam safety modifications necessary to protect against a major earthquake are promptly addressed while also meeting the long-term municipal, agricultural and environmental water needs of our region.

The sustained and recurring droughts in Oregon and other western states underscore the need to address not only the threat of earthquakes but also the threat of water shortages. The Consolidated Appropriations Act, 2016 (P.L. 114-113) granted Reclamation statutory authority allowing additional benefits, including conservation storage, to be conducted concurrently with dam safety improvements for new or supplementary works. The integration of Scoggins Dam safety modifications and Reclamation statutory authority allowing additional benefits, including conservation shortages. The Consolidated Appropriations Action, 2016 (P.L. 114-113) granted the need to address not only the threat of earthquakes but also the threat of water needs. In 2017, Reclamation and CWS are beginning the engineering and environmental review of several options at two primary locations:

- Strengthen the existing dam: Reclamation is leading the engineering and environmental review of strengthening and raising Scoggins Dam in its current location.
- Construct a new downstream dam: CWS is coordinating the engineering and environmental review of the proposed new downstream concrete dam.

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 government and local stakeholders.

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 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;
- Coordinate stakeholder engagement and the public review process;
- Fund the additional benefits analysis, design and construction concurrent with the dam safety improvements.

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. Major employers reasonably expect Federal and local authorities to diligently pursue the dam repairs and supply expansion necessary to protect public safety and secure our region's primary source of water.

Concurrent with the Tualatin Basin Water Supply Partners' efforts to secure Scoggins Dam, major municipal water suppliers are planning to expand the Willamette River Treatment Plant to meet increasing community water needs. Together these projects will help secure our future.

“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

Joint Project Examines Two Locations for Safety Improvements and Water Supply

Reclamation and CWS are working together under the Joint Project authority to simultaneously consider design concepts to address dam safety and meet water needs. In 2017, Reclamation and CWS are beginning the engineering and environmental review of several options at two primary locations:

- Strengthen the existing dam: Reclamation is leading the engineering and environmental review of strengthening and raising Scoggins Dam in its current location.
- Construct a new downstream dam: CWS is coordinating the engineering and environmental review of the proposed new downstream concrete dam.

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 government and local stakeholders.

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 this 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. 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 native environment. The region must continue to maintain and enhance a distinctive quality of life to attract talented workers.

Other Project Benefits

Henry Hagg Lake, formed by Scoggins Dam, is a critical component of the region's long-term water supply and a major regional asset. Project benefits of a secure and expanded facility include:

- Public safety and water security
- Agricultural irrigation: Irrigates 12,000 acres of the state's most productive farmland, producing more than 50 different crops
- Water conservation and supply: Provides drinking water for 400,000 people
- Jobs and economy: Supports 283,000 jobs at more than 18,300 businesses in Washington County including Intel, Genentech, SolarWorld and Nike
- Water quality and habitat restoration: Restores flow to the Tualatin River providing critical habitat to fish and wildlife
- Flood management
- Recreation: More than 900,000 visitor days annually
Title Transfer

In 2016, Reclamation encouraged the Tualatin Project repayment partners to reconsider the feasibility of transferring the Tualatin Project major works (Scoggins Dam, Hagg Lake and associated lands) from federal to local ownership. A previous Title Transfer assessment was completed in 2009, but set aside until the costs of the federal seismic obligations were more fully understood. The Partners are prepared to re-examine Title Transfer if there are cost and project delivery benefits to be accrued through local ownership and management of the facilities.

Washington County, Oregon

With a population of more than 575,000, Washington County is the second-fastest growing county in Oregon, and the economic engine of the state—home to Intel, Nike, SolarWorld, Genetech 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 285,000. The westside has outpaced the rest of the Portland metro region in economic development and is a net exporter of earnings to the state.

“Scoggins Dam is a regional asset, and we consider this project critical for meeting water demands in our community, now and for the future.”

Mayor Steve Callaway, City of Hillsboro

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

Mayor Denny Doyle, City of Beaverton