



Drinking Water State Revolving Fund

Roosevelt Water Association Building water system capacity

Congress created the federal Drinking Water State Revolving Fund (DWSRF) loan program in 1996 after reauthorizing the Safe Drinking Water Act. The program provides public water systems with low-interest loans allowing systems to address public health issues.

The Roosevelt Water Association applied for a DWSRF loan to address lack of water supply to their customers. They purchase their water from the City of Everett and supply it to 1,126 member customers in Snohomish County.

More water for customers

The association currently has a single storage water tank that can potentially serve about 125 residences. A pipeline originating in Everett supplies the rest of their water needs. If this pipeline shuts down for any reason, those customers would have no water service. This DWSRF loan allows the association to build a second tank and third pump station. The new pump station would enable them to use the new tank's full storage capacity of about 966,000 gallons.

Water Supply Improvement Project (2014)	
Funding Source	Amount
Drinking Water State Revolving Fund	\$3,564,961 (includes 1% loan fee)
Internal Reserve Funds	\$1,300,000
Total budgeted to date	\$4,864,961
Lower 1.5% interest rate will save the Roosevelt Water Assoc. more than \$1M over the 20 year term¹.	



One of the features they plan to add is a computer-based system that will monitor and control their operations remotely. Values will be able to be opened, closed, and modulated by a computer to ensure the water in both tanks are turned over every five days to help with water quality.

One of the advantages the system has is that 90 percent of their service area is supplied by gravity. Another item they plan to implement will be a pump at the current storage water tank so they also serve potential customers at higher elevations. They will also install pressure relief valves to better control their water pressure throughout their system.

Roosevelt Water Association expects their customer base to increase to about 1,600 homes over the next decade. They estimate this new water supply will serve about 80 percent of the association's service area. They believe their average customer water bill will increase by

¹ Assumes 3.7% interest rate and 5% cost to issue bonds and service debt.

only \$6 a month once the project is completed. They hope to complete this project by December 2015.

Want to learn more?

More DWSRF success stories are available online at <http://www.doh.wa.gov/DWSRF.aspx>