

## **Phase 1 & 2 Capital Improvement Update:**

In 2010, the City completed a Water System Master Plan to carefully plan for the most economical solutions that would responsibly move the City's water system forward. The Master Plan is readily available for view, at City Hall, the Toledo Library and conveniently available on the City's website for those interested in the detailed analyses and project descriptions.

Existing components of the water system needing replacement today have served the City's residents for 60+ years. This infrastructure has been repaired and maintained as possible over the years but has now reached a point where this no longer is prudent. Making the necessary improvements to keep the water system functioning reliably is paramount to maintaining a livable City where residents and businesses can thrive.

The City Council is responsible to ensure proper operation and maintenance of the public water system in the City. The State of Oregon requires the City to maintain a current 20-Year Master Plan to ensure safe drinking water continues to be available to all customers. Replacement and Rehabilitation of the Raw Water Supply Infrastructure is the City's greatest challenge. Without a supply of water to the treatment plant, the remainder of the system is pointless.

**Phase 1** – New Storage Tank on Skyline Drive; associated pumping stations to fill the tank and serve nearby homes will also be required. Construct Phase 1 Storage Tank and piping improvements. Total Cost = \$2.9 million

**Phase 2** – Reconstruct Siletz River Intake and replace pipe section currently under Olalla Reservoir. Total Cost = \$4.4 million

The 70-year-old Siletz River Intake and Pump Station are in very poor condition and must be replaced entirely as soon as possible. Streamside work will be difficult and expensive. A section of the 6.4 mile pipeline bringing untreated water from the Siletz to the Treatment Plant is too small, deteriorating, and is submerged under the Olalla Reservoir.

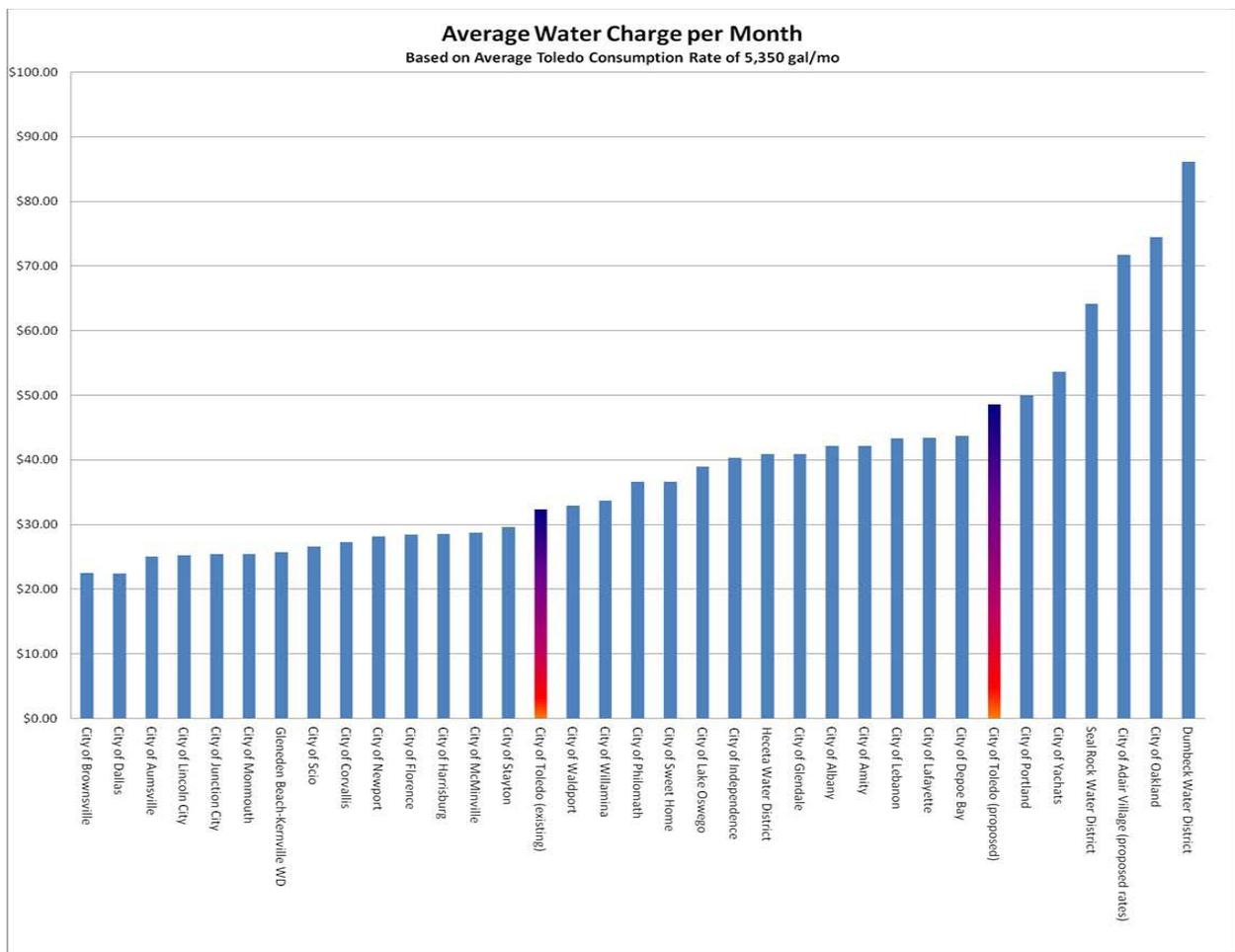
### ***How do we pay for this?***

City council has elected to fund Phase 1 and Phase 2 improvements by the sale of Revenue Bonds through Local Oregon Capital Assists Program Municipal Revenue Funding Program to pay for much needed improvements to the water system.

*Q: How does this affect the average household?*

*A: Phase 1 and 2 will increase water rates on average around \$17 per month.*

Current water rates result in an average household water bill of around \$32.38 per month (calculated using an average of 5,350 gallons). An increase of \$17.30 per month will be needed to fund Phase 1 and Phase 2 combined. After this, rates will be close enough to State averages such that grant assistance might become possible for future phases. The chart below shows the statewide average rate for water.



Instability in the hillside above the Siletz pump station and intake continues to threaten the use of the station. Public Works crews are currently working with Geo-Tech engineers to develop a site location suitable for a new river intake and pump station.

For more information regarding this, or other Public Works Projects please contact the PW at 541-336-2247.

Photographs below illustrate existing conditions at the pump station:



Hillside settling above the siletz River Intake



Siletz River Pump Station



Undermining at the river's edge



Separation in the concrete floor located inside the Siletz River Pump House



Siletz River Pump Station



Separation in concrete floor located inside the Siletz River Pump House



Separation in concrete floor located inside the Siletz River Pump House