



Yamhill Public Works Projects Report September 2023

Public Works installed a new Air Relief Valve at the water treatment plant. The Air Relief Valve takes the air out of the system when doing backwashes reducing filter media loss. By saving the filter media loss the changeout requirements are extended from five year to seven years saving a cost for equipment replacement and hours of employees.

Public Works installed a generator at the water reservoir for a backup. The generator minimizes the downtime in the water treatment system when natural disaster events or other failures occur. The generator also saves over twenty-four hours of labor cost by having a reliable generator in place.

With the Tag Automation Group in place, which monitors programming, has shortened backwash times to minimize water loss. And allows more water (3,500 gallons) of production to distribution or the reservoir.

Public Works purchased two fire hydrants to replace extremely outdated fire hydrants in the system. The new fire hydrants have provided a more reliable direct access to water supply to provide water during fire events.

Public Works installed “Inserta Valves” (valves that are installed in an operating line without loss of pressure) along Hwy 240/Main Street in town to allow for the Yamhill Carlton School District to remain online in the event of a break in the water system.

The Water Filter Media project was completed on August 10, 2023. The Water Filter Media replaced the outdated media increasing our water quality by ten times the amount providing a much cleaner, safer drinking water for our community.

The Third Street Distribution Line Upgrade project will begin in late September 2023. The project will involve upgrading the water lines and service lines providing more water in an upgraded more reliable system reducing the risk of leaks and cost for repairs. This project will be funded through the (CIP) Capital Improvement Plan.

The Cedar Street Storm System Improvement project will be taking place in October 2023. The project will involve the instillation of new catch basins and twelve inch high density polyethylene (HDPE) pipe. The new catch basin and piping will allow for better flow of storm water drainage minimizing the risk of flooding in the city. This project was generated through the storm water fee.

Public Works is currently removing the old sidewalks and replacing with new sidewalks from Camellia Street to Dahlia Street in Yamhill. The replacement of the sidewalks will conform to current code with ADA compliance and allow for the safety of pedestrians. This project is funded through a newly implemented sidewalk fund.



City of Yamhill

A small taste of Oregon

Public Works is working on the installation of a new intake screen at the Water Treatment Plant. This project when completed will allow for more capturability of water rights within the reservoir which will increase water storage capabilities in an effort to reduce the possibility of having to be placed on water restriction requirements.

In October 2023 Public Works will be exercising the impound to flush out sediment which will increase the water capacity within the impound.

Public Works discovered that there were several water leaks within the system. Two of the leaks was causing over two million gallons of water loss a day. Due to Public Work efforts to work diligently to minimize water leaks the city went from a 70% water loss to a 13% loss. This was a drastic improvement in knowing that the average water loss for a city is about 40%.