



141st Ave. Reservoir Site Improvements

The 141st Avenue Reservoir site has been a vital component of the Rockwood Water People's Utility District (Rockwood Water) for decades. Improvements are needed to the aging infrastructure and to add facilities to support Rockwood Water's new groundwater supply system. This project is one of several capital improvement projects



through the Cascade Groundwater Alliance (CGA), a partnership between Rockwood Water and the city of Gresham, to provide a resilient and high-quality water supply for the area.

This project, also known as Package 3, includes:

- replacing the 60-year-old reservoir;
- adding a pump/motor to the recently developed onsite well;
- constructing a new water treatment plant and backwash tank; and
- other site improvements – improvements to the existing pump station, a service driveway/parking, a stormwater management facility, landscaping, and screening.

Project Status

Construction is scheduled to begin in late summer/early fall 2024 and is estimated to take approximately two years:

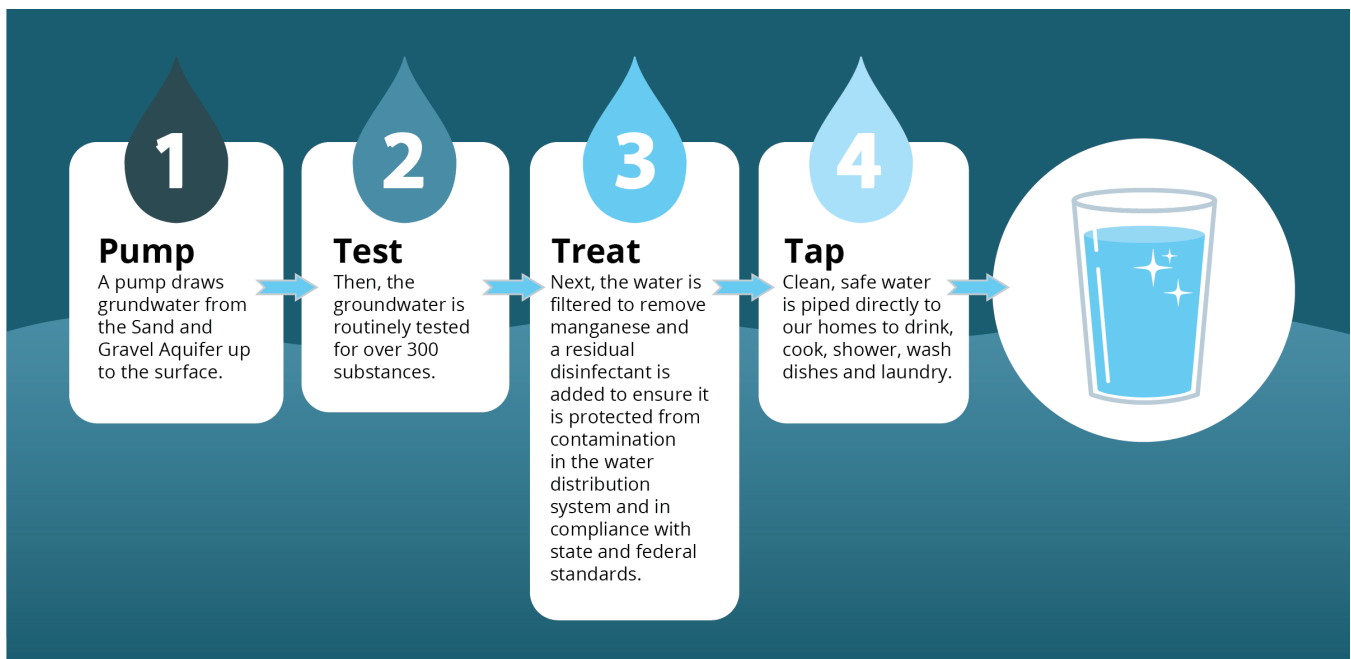
- Late fall 2024 – summer 2025 – demolish existing and construct a new reservoir.
- Summer 2025 – winter 2026 – upgrades to the existing pump station.
- Summer 2025 – spring 2026 – water treatment plant construction.

Need for Improvements

The existing 141st Avenue reservoir is nearing the end of its serviceable life. It must be replaced to provide an adequate supply for Rockwood Water's customers and be seismically resilient in a major earthquake. The new reservoir, water treatment plant, backwash tank and upgraded pump station will provide additional water capacity for CGA customers on a daily basis as part of the more extensive groundwater supply system. Once built, this reservoir will store water from the new well before distributing it to the system.

Connection to Groundwater Distribution System

Rockwood Water and the City of Gresham created the CGA partnership to build and operate an independent, safe, and reliable water system. Design and construction of the new groundwater system is underway and consists of nine inter-related projects. When complete, the new system will expand our groundwater supply capacity to serve our community with high-quality water for generations to come.



About the Cascade Groundwater Alliance

The Cascade Groundwater Alliance is a partnership between the City of Gresham and Rockwood Water People's Utility District Board to build and operate an independent, safe, and reliable water system. For more information:

City of Gresham

Phone: 503-618-2525

Email: WaterResources@GreshamOregon.gov

Web: greshamoregon.gov/Cascade-Groundwater-Alliance

Rockwood Water People's Utility District

Phone: 503-665-4179

Email: Customerservice@rwpud.org

Web: rwpud.org/cascade-groundwater-alliance/



The existing reservoir is more than 60 years old and does not meet current seismic code standards. The new reservoir will have a smaller footprint and be about 20 feet taller than the existing reservoir. It is being built to current seismic code standards.

A landscape screen around the entire property will buffer the line of sight for the adjacent neighbors.

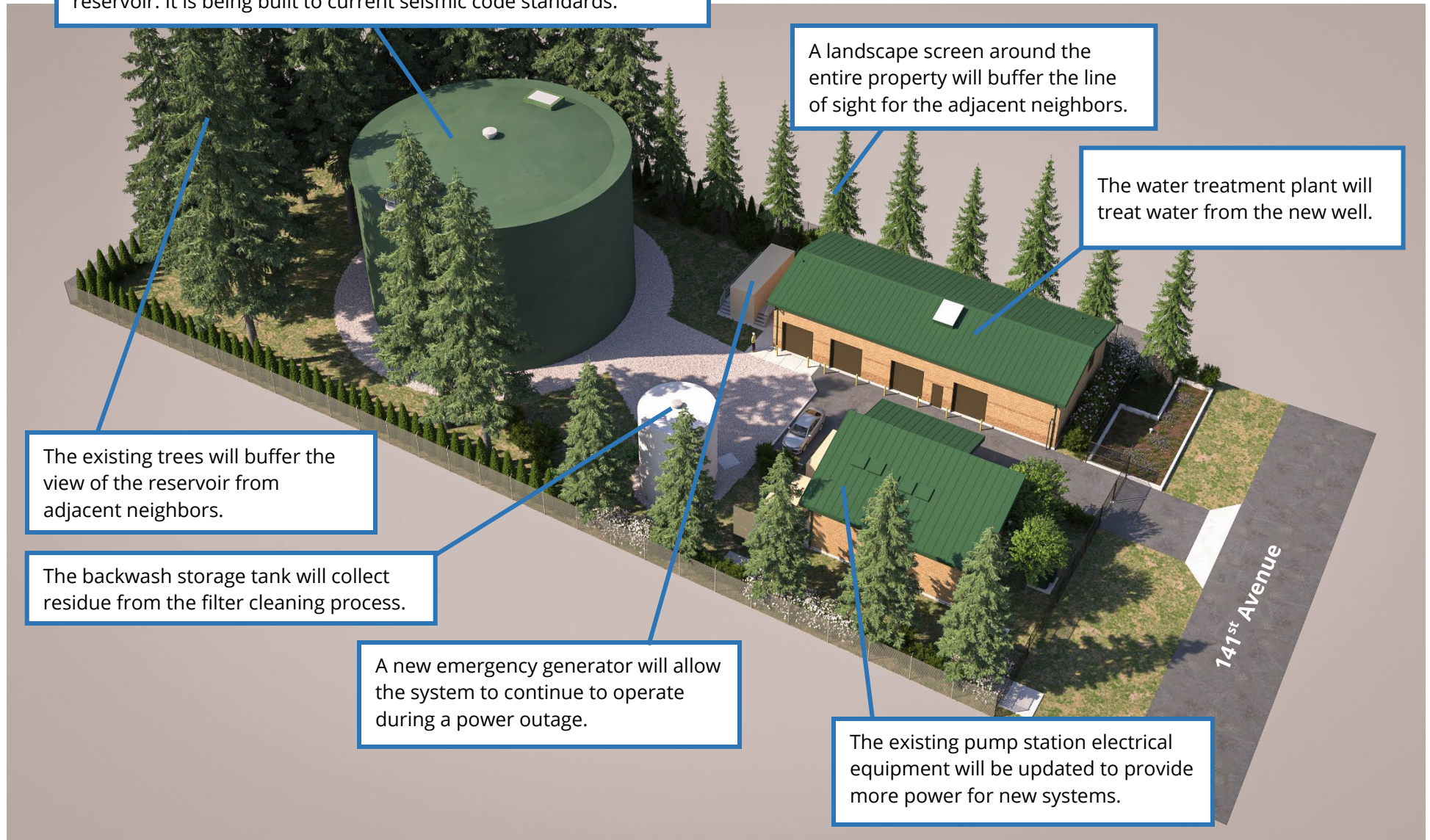
The water treatment plant will treat water from the new well.

The existing trees will buffer the view of the reservoir from adjacent neighbors.

The backwash storage tank will collect residue from the filter cleaning process.

A new emergency generator will allow the system to continue to operate during a power outage.

The existing pump station electrical equipment will be updated to provide more power for new systems.



Rendering of the Proposed Facilities for Rockwood Water's 141st Avenue Reservoir Site