



PUBLIC HEALTH DIVISION
Drinking Water Services

Tina Kotek, Governor

Oregon
Health
Authority

800 NE Oregon Street, #640
Portland, OR 97232-2162
Phone: 971-201-9794
Fax: 971-673-0694
www.healthoregon.org/dwp

May 7, 2024

Joshua Kennedy, PE
Senior Water Process Engineer
Jacobs Engineering Group
Via email: joshua.kennedy@jacobs.com

**Re: Groundwater Development Project Package 3 (PR#50-2024)
Rockwood PUD (PWS ID#00668)
Conditional Approval**

Dear Joshua:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Groundwater Development Project Package 3 for Rockwood and Gresham. On April 5, 2024, our office received plans, specifications, land use compatibility statement and a basis of design report. A plan review fee of \$4,125 was received on April 8, 2024.

The project includes installation of well 8 (reviewed under PR#161-2019), a water treatment facility, a new 1.9-million-gallon concrete reservoir, upgrades to the existing pump station and associated components. The water treatment facility includes filters using manganese dioxide media to provide a treated water manganese concentration below the secondary maximum contaminant level (SMCL) and onsite hypochlorite generation to provide residual maintenance. The existing pump station will be retrofitted to include larger pumps (three 60-HP and two 125-HP). The submittal also included information about Well #8, and a separate conditional approval letter will be issued for that portion of the project.

The plans are approved with the following conditions:

Water Treatment Plant

- All items in contact with potable water must meet NSF Standard 61 or equivalent.
- Chlorinator piping must be designed to prevent the contamination of the potable water system by backflow of untreated water or water having excessive concentrations of

chlorine.

Concrete Reservoir

- The outlet end of the drain/overflow must be fitted with angle-flap valve or equivalent protection.
- The roof access hatch must have curbing around the opening and a lockable watertight cover that overlaps the curbing.
- Coliform bacteria sample result(s) must be submitted after disinfection of the reservoir is complete.

Until we receive verification that the conditions have been met and final approval has been issued, the facility is not approved for use. Upon completion of the project, the engineer must verify in writing that construction was completed according to the submitted plans. If substantial changes are made, a set of as-built drawings must be submitted. Documentation demonstrating how the above conditions were met should reference Plan Review #50-2024 and can be emailed to me at Carrie.L.Gentry@oha.oregon.gov.

Note that once the new source and treatment plant are put into operation, two 6-month rounds of lead and copper sampling at the increased number of sample sites will be required for both water systems.

If you have any questions, please feel free to call me at (971) 201-9794.

Sincerely,



Carrie Gentry, PE
Regional Engineer
Drinking Water Services

cc: Jeremy Hudson, PE, District Engineer, Rockwood Water PUD