



PUBLIC HEALTH DIVISION
Drinking Water Services

Tina Kotek, Governor

Oregon
Health
Authority

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September 11, 2023

Joseph Payne, PE
Director of Project Development
Puttman Infrastructure, Inc.
Via email: joseph.payne@puttman.com

**Re: Storage Expansion Project (PR#98-2023)
South Coast Water Company (PWS ID#00302)
Conditional Approval**

Dear Joseph:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the storage expansion project for South Coast Water Company. On July 26, 2023, our office received a site plan, construction plans and specifications, foundation calculations and a land use compatibility statement. A plan review fee of \$825 was received on July 25, 2023.

The project includes installation of two 10,000-gallon vertical tanks manufactured by Norwesco, to match the existing four tanks of the same size. The tanks will be placed in parallel to the existing tanks.

The plans are approved with the following conditions:

- Screened vents must be provided above the highest water level to permit circulation of air above the water in finished water storage facilities.
- The outlet end of the drain must be fitted with angle-flap valve or equivalent protection and must discharge with an airgap to a watercourse or storm drain capable of accommodating the flow. Since the tanks will be connected to the existing system, it is likely that a flap valve or equivalent is located somewhere along the drain line, however, details on that must be provided.
- Based on the most recent water system survey, the existing tanks do not have an overflow line near the top of the tanks. Please confirm that these two new tanks do not

have an overflow line.

- The roof access hatch must have curbing around the opening and a lockable watertight cover that overlaps the curbing.
- A silt stop must be provided at the outlet pipe.
- Disinfection of the reservoir prior to use must be accomplished according to AWWA Standard C652.
- 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 #98-2023 and can be emailed to me at Carrie.L.Gentry@oha.oregon.gov.

Note that if the water system exceeds 110% of the 32 gpm demand flow that the 2012 tracer study is based on, a new tracer study is required.

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: Amy Bleekman, REHS, OHA/DWS