



March 22, 2022

Ronald Derrick, PE, GE
Branch Engineering, Inc.
Via email

**Re: Southwest Crossing Subdivision (PR#35-2022)
Independence Water System (PWS ID#00399)
Conditional Approval**

Dear Mr. Derrick:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Southwest Crossing Subdivision in the City of Independence. On March 7, 2022, our office received plans, easement information, a land use compatibility statement, and a plan review fee of \$3,300.

The project includes installation of 8" and 12" C900 PVC waterlines and associated appurtenances for the 67-lot Southwest Crossing Subdivision.

The plans are approved with the following conditions:

- All items in contact with potable water must meet NSF Standard 61 or equivalent.
- The design must allow for 20 psi to be maintained at all service meters.
- Distribution piping must be carefully bedded, fully supported in material free from rocks and provided with a cover of at least 30 inches.
- Non-conductive water lines must be provided with a tracer wire. The distance between tracer wire lead access locations must not be more than 1,000 feet.
- Air-relief valves, if needed, must be installed at high points where air can accumulate. The breather tube on air-relief valves must be extended above ground surface and provided with a screened, downward facing elbow.
- Any sewer and water line crossings must conform to OAR 333-061-0050(9). Parallel separations must also conform to this rule. Note that any zone conflicts represented in Figure 1 in that rule other than zone 1 conflicts must be approved by OHA/DWS.
- Disinfection of the waterline must be completed according to AWWA C651. Results

from the coliform sampling must be provided to our office.

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 #35-2022 and can be emailed to me at Carrie.L.Gentry@dhsosha.state.or.us.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Carrie Gentry', written in a cursive style.

Carrie Gentry, PE
Regional Engineer
Drinking Water Services

cc: Michelle Byrd, REHS, OHA/DWS
Levi Miller, LM Independence LLC, levim@cedarcreekind.com