



PUBLIC HEALTH DIVISION
Drinking Water Services

Kate Brown, Governor

Oregon
Health
Authority

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March 3, 2022

Hunter Bennett-Daggett, PE, ENV SP
Tetra Tech
1750 S Harbor Way #400
Portland, OR 97201

**Re: Lusted Water District Distribution Improvement Project (PR#26-2022)
Lusted Water District (PWS ID#00361)
Conditional Approval**

Dear Hunter:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Lusted Water District Distribution Improvement Project for Lusted Water District. On February 22, 2022, our office received construction specifications, distribution system drawings, and a land use and compatibility statement. On February 28, 2022, DWS received a plan review fee of \$3,300.

The project includes installation of new 4", 8" and 12" HDPE water lines as a distribution improvement project in the district. The district is considering downsizing some of the 12" waterlines to 8" lines. If these changes are made, as-built drawings must be submitted for final approval.

The plans are approved with the following conditions:

- The design must allow for 20 psi to be maintained at all service meters.
- After disinfection of the waterlines is completed according to AWWA C651, results from the coliform sampling must be provided to OHA/DWS.
- 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.
- The HDPE distribution piping must be NSF Standard 61(or equivalent) certified.
- 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.

Until we receive verification that the conditions have been met and final approval has been issued, the Lusted Water District Distribution Improvement Project 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 #26-2022 and can be emailed to me at keith.male@dhsoha.state.or.us.

If you have any questions, please feel free to call me at (503) 939-1322.

Sincerely,

A handwritten signature in black ink that reads "Keith Male". The signature is written in a cursive, flowing style.

Keith Male, EIT
Regional Engineer
Drinking Water Services

cc: Julie Wray, DWS
Carrie Gentry, PE, OHA/DWS
Ben Jacobs, PE, Board Chair, Lusted Water District
Jenifer George, REHS, Multnomah County Health Department