

March 6, 2025

Robert Henry (rhenry@hbh-consulting.com)
HBH Consulting Engineers, Inc.
501 E First Street
Newberg, OR 97132

**Re: Waterline Extension (PR#33-2025)
Cloverdale Water District (PWS ID#00886)
Conditional Approval**

Dear Robert:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the waterline extension for the Cloverdale Water District. On February 28, 2025, our office received plans and a plan review fee of \$825.

The project includes the extension of the existing 2" diameter main line with 4" diameter C900 PVC pipe ending with a blow-off valve.

The plans are approved subject to the following conditions:


- Water pressure in the distribution system must not be below 20 psi.
- 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.
- Disinfection of the waterline must be completed according to AWWA C651, including two samples collected at least 16 hours apart or as noted in the method. AWWA C-601 is listed, but section C-601 was updated to C-651 in 1986.

Until we receive verification that the conditions have been met and final approval has been issued, the waterline 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 #33-2025 and can be emailed to me at keith.male@oha.oregon.gov.

If you have any questions, please feel free to call me at 503-939-1322 or email me at keith.male@oha.oregon.gov.

Sincerely,



Keith Male, PE
Regional Engineer
Drinking Water Services

cc: Julie Wray, DWS
Nicole Alfafara, REHS, DWS
Jaime Craig, REHS, Tillamook County Health Department
Larry Abernathy, Cloverdale Water District