

Tina Kotek, Governor

February 12, 2025

Robert Tilton
City of Riddle
PO Box 143
Riddle, OR 97469

sent by email only

**Re: Twin Oaks Subdivision (PR#11-2025)
City of Riddle (PWS ID#00706)
Conditional Approval**

Dear Robert Tilton:

Thank you for the submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the [project name] for [water system name]. On January 21st, 2025, DWS received drawings, LUCS, and a plan review fee of \$3,300.

The project includes the construction of a new water distribution system as part of a new housing development. The housing development will be constructed on the east side of the City of Riddle.

The plans are approved subject to the following conditions:

Distribution system-

- Distribution piping shall be designed and installed so that the pressure measured at the property line in the case of Community water systems shall not be reduced below 20 psi. Demonstrate this has been met with completion of the public distribution system. Refer to OAR 333-061-0050(8)(e).
- Distribution piping shall be provided with a cover of at least 30 inches. Demonstrate this has been met with completion of the project. Refer to Oar 333-061-0050(8)(f).
- Wherever possible, dead ends shall be minimized by looping. Where dead ends are installed, or low points exist, blow-offs of adequate size shall be provided for flushing. Demonstrate this has been met with completion of the project. Refer to OAR 333-061-0050(8)(h).

- Air-relief valves shall be installed at high points where air can accumulate. The breather tube on air-relief valves shall be extended above ground surface and provided with a screened, downward facing elbow. Demonstrate this has been met with completion of the project. Refer to OAR 333-061-0050(8)(i).
- Nonconductive water pipe (plastic or other material) that is not encased in conductive pipe or casing must have an electrically conductive wire or other approved conductor for locating the pipe when the pipeline is underground. The wire shall be No. 18 AWG (minimum) solid copper with blue colored insulation. Ends of wire shall be accessible in water meter boxes, valve boxes or casings, or outside the foundation of buildings where the pipeline enters the building. The distance between tracer lead access locations shall not be more than 1,000 feet. Joints or splices in wire shall be waterproof. Demonstrate this has been met with completion of the project. Refer to OAR 333-061-0050(8)(k).

Crossings-Sanitary sewers and water lines-

- The submitted design does not provide design information on crossings between new sewer line laterals and new water lines. Newly installed water and sewer lines shall meet all applicable sections of OAR 333-061-0050(9)(a) through (d). Demonstrate this has been met with completion of the project.

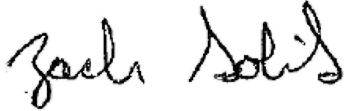
Disinfection of facilities-

- Following construction or installation of new facilities and repairs to existing facilities, those portions of the facilities which will be in contact with water delivered to users must be cleaned and flushed with potable water and disinfected according to AWWA Standards C651 through C654 before they are placed into service. Demonstrate this has been met with completion of the project. Refer to OAR 333-061-0050(10)(a).

Until we receive verification that the conditions have been met and final approval has been issued, the new distribution system is not approved for use. For waterline projects, note that engineers must inspect/be prepared to sign off before burying lines. 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 #11-2025 and can be emailed to me at zachariah.cunningham-golik@oha.oregon.gov.

If you have any questions, please feel free to call me at 541-231-9077.

Sincerely,

A handwritten signature in black ink that reads "Zach Golik". The signature is written in a cursive, slightly slanted style.

Zach Golik, PE
Regional Engineer
Drinking Water Services