



3 May 2022

Matt Olson
Laurelwood Water Association - Well
PO Box 699
Newberg Oregon 97132

Re: **Reconstructing Laurelwood Well – PR # 47-2019**
Laurelwood Water Association - Well – WS # 06040
Conditional Approval

Dear Mr. Olson:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information describing the reconstruction and deepening of the sole existing well at Laurelwood Water Association. Our office first received plans for re-casing the 1967 well on 26 March 2019. A site plan approval letter was sent 11 April 2019. The well was drilled on 24 May 2019. Our office received plans on 30 July 2021. A second plan review fee of \$825 was received and a new plan review was opened in our office. I regret my part of the confusion that delayed this conditional approval letter until today. Our office is also refunding the second plan review fee that was submitted.

A DWS hydrogeologist reviewed the well (L131618) that was drilled in May 2019. He noted that the well draws water from a deep confined sandstone aquifer, and that neither the well construction nor the aquifer are sensitive to nearby land use practices.

The plans are approved with the following conditions {unless otherwise noted, rule references are from *OAR 333-061-0050...* }:

Well

1. Assure both the ground around the concrete slab that surrounds the casing is properly sloped away and drained (2)(a)(K)(viii) & (ix)
2. Assure well pump house is lockable, heated, and lit (2)(a)(K)(xi)
3. Assure casing vent is screened and bent downwards (2)(a)(K)(iii)
4. Assure any treatment uses NSF-61 materials and NSF-60 chemicals (1)(e); 0087(6)

Additionally,

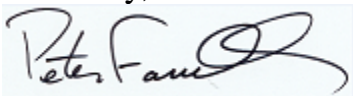
- Take monthly raw coliform samples for one year to assure the well reconstruction has solved the confirmed *E. coli* contamination of 2018.
- One raw arsenic sample from the well – before any treatment – is required now.
- Moving forward into the future – after this plan review process ends with your assurance the conditions above are complete – continue sampling and reporting:
 - annual nitrate samples from the entry point of the water system – that is, at the first tap after any treatment
 - quarterly coliform samples from anywhere in the distribution system
 - annual coliform samples from the wellhead, i.e., before treatment
- Review the Laurelwood Water Association’s monitoring schedule on [Data Online](#) at yourwater.oregon.gov

Until we receive verification that the project was completed with the conditions listed above and we have granted Final Approval for the project, the well is not approved for use. Documentation demonstrating how the above conditions were met should reference Plan Review #47-2019 and can be emailed to me at peter.r.farrelly@dhsosha.state.or.us or mailed to:

Attn: Pete Farrelly
OHA-Oregon Drinking Water Program
PO Box 14450
Portland, OR 97293-0450

If you have any questions, please feel free to reach me at the contact information above.

Sincerely,



Pete Farrelly, PE
Regional Engineer
Drinking Water Services

ec: Daniel Osborn, Columbia County Health