



14 January 2022

Mike Stone
50606 Crystal Ridge Drive
Scappoose Oregon 97056

via email

Re: **Wells #11 (L132799, COLU55703) – PR# 155-2020**
Columbia Hills HOA-Upper – WS # 06211
Conditional Approval

Dear Mr. Stone:

Thank you for your submittal via David Jacob of Hydra Engineering to the Oregon Health Authority's Drinking Water Services (DWS) of plan for the well drilled January 2021 for Columbia Hills HOA. On 6 January 2022, our office received information for the drilled well, and an approved well report.

A DWS hydrogeologist reviewed Well #11. He noted that the well draws water from a shallow confined layered basalt aquifer, and that neither the well nor the aquifer are highly sensitive to potential contaminant sources from local land use practices. Also, importantly, there appears to be no current influence on the well from the nearby springhead about 150 feet away.

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

- If site is prone to flooding well casing must be raised. (2)(a)(F)
 - (Consider flooding could be higher than in centuries past nowadays.)
- Assure the depth of the static/pumped water in the well is measurable. (2)(a)(K)(iv)
- Assure there is a flowmeter or ability to measure total output. (2)(a)(K)(xii)
- All items in contact with potable water must meet NSF Standard 61. 333-061-0087(5)

Until we receive verification that the conditions have been met and final approval

has been issued, the 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 #155-2020 and can be emailed to me at the address above or mailed to:

Attn: [Pete Farrelly](#)
OHA-Oregon Drinking Water Services
PO Box 14450
Portland, OR 97293-0450

If you have any questions, please feel free to contact me. 971.201.6428.

Sincerely,

A handwritten signature in black ink that reads "Pete Farrelly". The signature is written in a cursive style and is placed on a light blue rectangular background.

Pete Farrelly, PE
Regional Engineer
Drinking Water Services

ec: David Jacob, P.E., Hydra Engineering
Daniel Osborn, Columbia County HD