



20 November 2020

Mike Stone
50606 Crystal Ridge Drive
Scappoose Oregon 97056

Re: **New Wells #14 and #17 – PR# 136-2020**
Columbia Hills HOA – WS # 06118
Site Plan Approval

Dear Mr. Stone:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the new well for the two new wells, #14 & #17, at Columbia Hills HOA. In mid-September 2020, our office received plans for drilling new wells, a Land Use Compatibility Statement, map, plans, a narrative, and water rights. A plan review fee of \$825 was also received.

The project includes drilling new wells at:

Well #14 – Lat: 45° 43' 34.49" N, Long: 122° 54' 44.85" W

Well #17 – Lat: 45° 43' 31.71" N, Long: 122° 54' 39.27" W

A regional hydrogeologist in our program reviewed the proposed well construction. He noted the following basic information for both wells:

Estimated depth to water-bearing zone: ~250-350 ft.

Estimated depth of casing seal: ~115-200 ft.

An intermittent stream may be within 100 ft. of Well 14, depending on exact wellhead locations; and within 500 ft. of Well 17.

The project is granted site plan approval. Once construction of the well is complete, please submit:

1. The well driller's report (well log).
2. Well pumping test information including static water level, pumping rate, drawdown and rate of recover.
3. Pump information.

4. Raw (Untreated) Water Quality Data including coliform bacteria, nitrate and arsenic. These are to be taken from the new well's raw water sample tap at the wellhead.
5. Engineered plans that show the above-well structure detail including the well house, concrete slab, drainage, pump-to-waste piping and plans and specifications for connection of the new well to the water system.

The above items should reference Plan Review #136-2020 and can be emailed to me at peter.r.farrelly@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 call me at (971) 673-0462.

Sincerely,

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

Pete Farrelly, PE
Regional Engineer
Drinking Water Services

ec: [Stacey Morrill](#), AKS Engineering & Forestry, LLC
Daniel Osborn, Columbia HD