



May 16, 2024

Susan Moore
Sno-Cap Water System
Via email: susanbmoore58@outlook.com

**Re: Well #1 Deepening (PR#67-2024)
Sno-Cap Water System (PWS ID#00827)
Site Plan Approval**

Dear Susan:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Well #1 Deepening project for Sno-Cap Water System. On May 2, 2024, our office received a site plan, a description of the work and a plan review fee of \$825.

The project includes having a well driller clean out the existing well (Well ID DESC 1853) and potentially deepening the well up to another 100 feet.

A regional geologist in our program reviewed the proposed project. He noted the following, which should be shared with the well driller:

- The estimated depth to a water-bearing zone is greater than 523 feet below ground surface (bgs). The existing aquifer nature is confined.
- The existing seal depth is likely to be sufficient since the existing well is sealed into consolidated material overlying the water-bearing formation.
- The well driller should consult with Oregon Water Resources Department (OWRD) prior to deepening the well.

The project is granted site plan approval. If the well is deepened, 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 recovery.

The above items should reference Plan Review #67-2024 and can be emailed to me at Carrie.L.Gentry@oha.oregon.gov.

If you have any questions, please feel free to call me at (971) 201-9794.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Gentry', written in a cursive style.

Carrie Gentry, PE
Regional Engineer
Drinking Water Services

cc: Chantal Wikstrom, REHS, OHA/DWS
Jeff Freund, REHS, Deschutes County Environmental Health
Tommy Laird, Well Construction Program Coordinator, OWRD