



September 6, 2023

Chloe Birky  
Stockman's Café/Eugene Livestock  
Via email: [cjbirky1@gmail.com](mailto:cjbirky1@gmail.com)

**Re: Well (PR#23-2023)  
Stockman's Café/Eugene Livestock (PWS ID#93974)  
Conditional Approval**

Dear Chloe:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the well for Stockman's Café/Eugene Livestock. Our office received a site plan, well log and a plan review fee of \$825.

The project includes an existing well (Well ID LANE 8269) drilled to a depth of 30 feet in 1972. The well is located within 100' of a parking lot and livestock pens. These two items represent sanitary hazards within the required 100' setback.

Under OAR 333-061-0060(1)(b), submittals must be prepared by a Professional Engineer registered in Oregon, unless exempted by DWS. An exemption was approved for this submittal. Note that by utilizing this exemption, the water system takes full responsibility for the design of the project.

A regional geologist reviewed the well log construction details and noted the following:

- The well was drilled to a depth of 30 feet in August 1972. A 10-inch borehole extends to a depth of 20 feet. From 20 to 30 feet in depth, the borehole diameter is 6 inches. A 6-inch casing extends to 30 feet and is perforated from 22-30 feet in depth. A casing seal consisting of cement grout extends to 20 feet in depth. The well construction is considered to meet subsurface standards in terms of casing depth, casing seal depth, sealant volume and annular spacing.
- The well meets the definition of a confined well.

- Results from a sensitivity analysis indicate that both the well construction and the aquifer characteristics are not highly sensitive to local land use practices.

**The plans are approved with the following conditions:**

- A request for a waiver from construction standards for the sanitary hazards within the 100' setback must be submitted. A link to the form will be provided in the email that accompanies this letter.
- A raw water sample tap is required at or close to the well head, prior to any storage or treatment.
- A well house must be provided over the well head. If the well house is not a small dog-house style, then it must be provided with light and heat. In all cases it must be lockable.
- A casing vent must be provided, and the return bend must be fitted with a screen.
- A coliform bacteria and an arsenic sample result must be submitted. These samples must be obtained from the well head raw water sample tap.

**Until we receive verification that the conditions have been met and final approval has been issued, the facility is not approved for use.** Documentation demonstrating how the above conditions were met should reference Plan Review #23-2023 and can be emailed to me at [Carrie.L.Gentry@oha.oregon.gov](mailto:Carrie.L.Gentry@oha.oregon.gov).

Water rights may be required for your water system, depending on how much water is utilized out of each well per day. Oregon's Water Resources Department regulates water rights and can be contacted at (503) 986-0900. Copies of water right permits or exemptions should be provided to DWS.

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

Sincerely,



Carrie Gentry, PE  
Regional Engineer  
Drinking Water Services

cc: Amy Bleekman, REHS, OHA/DWS  
Nicolas Alviani, REHS, Lane County Environmental Health  
Travis Kelly, Well Construction Compliance Coordinator, OWRD