

December 16, 2025

Matthew S. Burgess, EI  
Staff Engineer  
Boeger & Associates, LLC  
Via email: MBurgess@boegerassociates.com

**Re: Taylors Grove Water System Improvements (PR#11-2025)  
Taylors Grove Water Works (PWS ID#05782)  
Conditional Approval for Well**

Dear Matt:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of additional plan review information for the Taylor Grove Water System Improvements project name for Taylor Grove Water Works. A well log, plans and sampling results were submitted.

On February 16, 2024, a site plan approval letter was issued that included a site plan evaluation for the proposed well and conditional approval for the reservoir, waterlines and pump station. This letter includes conditional approval for the well. An addition of UV light (Viqua Pro 50) and a pH boosting chemical is noted as a difference in the plans originally submitted.

The drilling for the well (Well ID MARI 71557) was completed on April 10, 2025. Details from our geologist are provided on page 2. Because the well site did not provide the required 100-foot radius of control, a waiver from this requirement was submitted. The link to the approved waiver is included in the email accompanying this letter and can also be found on our website.

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

- The casing height must be 12" above the slab (or 12" above grade, if a pitless adapter was installed).
- A watertight sanitary seal must be provided.
- A sample tap at the well head must be provided.
- Piping arrangements must include provisions for pumping the total flow of the well to waste. Pump-to-waste piping is typically installed for this, however, some systems

plan to pump the flow to waste through the sample tap.

- A method of determining the total output of the well must be provided (typically a flowmeter is installed for this purpose).
- A casing vent with a screened return bend must be provided. With a pitless adapter, the caps are typically vented.
- Additional details on the pH boosting chemical must be provided. Both chemical and equipment for this chemical must meet NSF 60 and 61, respectively.

**Until we receive verification that the conditions of this letter and the February 16, 2024 letter have been met and final approval has been issued, the facilities are 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 #11-2024 and can be emailed to me at [Carrie.L.Gentry@oha.oregon.gov](mailto:Carrie.L.Gentry@oha.oregon.gov).

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

- The well draws water from a confined fractured sandstone aquifer.
- Results from a sensitivity analysis indicates that the well construction does not contribute to the overall sensitivity to nearby land use practices and the aquifer is not highly sensitive to local land use practices.
- The Little North Santiam River is approximately 500 feet from this well. Based on the results of the sensitivity analysis, the well is not considered to be susceptible to Ground Water Under the Direct Influence of Surface Water.

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

Sincerely,



Carrie Gentry, PE  
Regional Engineer  
OHA-Drinking Water Services  
[Carrie.L.Gentry@oha.oregon.gov](mailto:Carrie.L.Gentry@oha.oregon.gov)

cc: Chantal Wikstrom, REHS, OHA/DWS  
Greg DeBlase, REHS, Marion County Health Department  
Dale Murray, Taylors Grove Water Works