



April 10, 2024

Dave Embleton  
Springfield Utility Board  
202 S 18<sup>th</sup> Street  
Springfield, OR 97477

Re: **New Well (PR #2024-22)**  
**Springfield Utility Board – PWS #4100837**  
**Site Plan Approval**

Dear Dave:

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 Springfield Utility Board. On January 25, 2024, our office received a site map and the well construction specifications. The plan review fee of \$825 was also received.

The project includes drilling a new well in the Willamette Wellfield. The new well, Well #16, will be drilled at approximately coordinates 44.0305, -122.9935. Well #16 will replace existing Well #15, which shall be abandoned.

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

- The aquifer appears to produce water from sand and gravel deposits from 18 to 65 feet in depth.
- The aquifer appears to be unconfined based on the shallow depth to water, aquifer materials, and groundwater under direct influence of surface water (GWUDI) designation of other wells in the Willamette Wellfield.
- The Well #16 casing seal shall be constructed as per OAR 690-210-0130 or the applicable standard based on the lithology encountered during drilling.

**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 recovery.
3. Pump information.
4. Raw (Untreated) Water Quality Data including coliform bacteria, arsenic, IOCs, VOCs, SOCs, nitrate, nitrite, and radionuclides. 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 #2024-22 and can be emailed to me at [baxter.call@oha.oregon.gov](mailto:baxter.call@oha.oregon.gov) or mailed to:

Attn: Baxter Call  
OHA-Oregon Drinking Water Services  
800 NE Oregon Street, Suite 640  
Portland, OR 97232-2162

If you have any questions, please feel free to call me at (541) 393-4374.

Sincerely,



Baxter Call, P.E.

Regional Engineer

Drinking Water Services

[Baxter.call@oha.oregon.gov](mailto:Baxter.call@oha.oregon.gov)

cc:

- File, DWS Portland
- Shawn Stevenson, DWS Springfield
- Nicholas Alviani, Lane County Environmental Health Services
- Matthew Kohlbecker, GSI Water Solutions, Inc.
- Casey McGuire, GSI Water Solutions, Inc.