

Tina Kotek, Governor

March 3, 2026

Luke Tabor, PE
Project Manager
Keller Associates, Inc.
ltabor@Kellerassociates.com

**Re: Aurora Well #6 (PR#75-2024)
City of Aurora (PWS ID#00067)
Conditional Approval**

Dear Luke:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of additional plan review information for the Well #6 project for the City of Aurora.

The project includes installation of Well #6 (Well ID MARI 71513), drilled to a depth of 28 feet in February 2025. The project also includes installation of residual maintenance and greensand filtration. The well will be considered Source BA on entry point B, as water from the well can go into the system without combining with water from Wells 4 and 5.

Our regional geologist reviewed the well log construction details. His comments are on page 2.

The plans are approved with the following conditions:

- All items in contact with potable water must meet NSF Standards 60 and 61, or equivalent.
- A casing vent with a screened return bend must be provided.
- A raw water coliform sample result must be submitted. The sample must be taken from the raw water sample tap close to the well head, prior to any treatment. The sample submitted had a chlorine residual measurement, which seems to indicate it was not a raw sample.
- Revised results for SOC and VOC sampling must be submitted. The units were in ug/L rather than mg/L. The lab will need to submit a revised report to you. I note that there is a toluene detection, which will trigger additional sampling once the well receives final approval.
- The result for Radium 226/228 will need to be quantified by one of the labs (likely

Anatek as the primary lab) and the result sheet submitted.

- Chlorinator piping must be designed to prevent the contamination of the potable water system by backflow of untreated water or water having excessive concentrations of chlorine.

Until we receive verification that the conditions have been met and final approval has been issued, the facility is 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 #75-2024 and can be emailed to me at Carrie.L.Gentry@oha.oregon.gov.

Our regional geologist noted the following about the new well:

- The below-ground well construction appears to meet current construction standards.
- The well is drilled into a confined aquifer.
- Results from a sensitivity analysis indicate that the well construction does not contribute to the overall sensitivity of the well to nearby land use practices and the aquifer is not highly sensitive to nearby land use practices.

As noted in the site plan letter, increased lead and copper sampling will be required once final approval is issued. The water system will be required to conduct two 6-month rounds at the original number of sample sites (20), with the new well in use.

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

cc: Chantal Wikstrom, REHS, OHA/DWS
Greg DeBlase, REHS, Marion County Environmental Health
Mark Gunter, City of Aurora Public Works Superintendent, pws@ci.aurora.or.us