



PUBLIC HEALTH DIVISION  
Drinking Water Services

Tina Kotek, Governor

Oregon  
**Health**  
Authority

800 NE Oregon Street, #640  
Portland, OR 97232-2162  
Phone: 971-201-9794  
Fax: 971-673-0694  
[www.healthoregon.org/dwp](http://www.healthoregon.org/dwp)

March 26, 2024

Christopher Johnson, PE  
Senior Project Manager/Vice President  
Carollo Engineers  
Via email: [cjohnson@carollo.com](mailto:cjohnson@carollo.com)

**Re: Geren Island SE Collector Well (PR#146-2020)  
Salem Public Works (PWS ID#00731)  
Final Approval**

Dear Chris:

On January 8 and 9, 2024, our office received additional information for the above project, including a well log of the completed well, sample results, pump test results, and confirmation that the project was completed according to plans.

A geologist in our program reviewed the well log construction details and noted the following:

- The well meets current below-ground construction standards.
- The well is designed to draw water from a shallow unconfined aquifer of large cobbles and gravel. The water-bearing zone is reported to occur at 9 feet below ground.
- Results from a sensitivity analysis indicate that the well construction has a low sensitivity to local land use practices and the aquifer is highly sensitive to local land use practices.

Final approval is issued at this time, and the facility is approved for use.

Note that monitoring at the entry point will increase for a bit; Chantal will provide the City with those details in a separate email. Since the water system has self-declared the source to be groundwater under the direct influence of surface water (GWUDI), the well will be set up as such on our Data Online system. It will become source AE under Entry Point A and will be an active, permanent source.

Adding the new source will require the water system to either conduct two 6-month rounds of lead and copper sampling at the increased number of sample sites (100) or otherwise demonstrate that the new source has no effect on the water system's corrosion control results. Chantal will work with the City on setting up the schedules or evaluating the City's submittal.

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  
DeEtta Fosbury, RG, Summit Water Resources, LLC, [dfosbury@summitwr.com](mailto:dfosbury@summitwr.com)  
Dwayne Barnes, Operations Manager, City of Salem, [DBarnes@cityofsalem.net](mailto:DBarnes@cityofsalem.net)