Public Health Division
Center for Health Protection, Drinking Water Services
Tina Kotek, Governor

May 29, 2025

Shanna Myers, PE
Professional Engineer
Consor Engineers, LLC
Via email: shanna.myers@consoreng.com

Re: Corrosion Control Installation (PR#133-2024)
JLR (PWS ID#94431)
Final Approval

Dear Shanna:

Thank you for your submittal of additional information for this project. On September 30, 2024, our office received sampling results and notification of a minor change to the design. On March 12, 2025, our office received a copy of the updated O&M manual. On March 28, 2025, we received confirmation that the above project was completed according to the plans submitted and conditions set forth in the November 1, 2024 conditional approval letter.

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

Note:

1) To demonstrate the corrosion control treatment is effective, the water system's water quality parameter and two 6-month lead and copper tap demonstration rounds of sampling will need to be completed as described on the following page.

2) Once this "demonstration sampling" is completed, Joshua Teamus and/or Sarah Schwab will establish a minimum entry point and distribution system pH for the water system that will have to be measured and met on an ongoing basis.

3) A reduction in lead and copper tap sampling may be possible based on the results of either the first two 6-month demonstration rounds of sampling or subsequent 6-month demonstration rounds, depending upon results as sampling progresses

Water quality parameter sampling and two 6-month demonstration rounds of lead and copper tap sampling will need to be completed as follows:

1) **Water Quality Parameter Monitoring (pH and alkalinity)**
pH and alkalinity will need to be sampled as follows:

a. **Test method:** pH needs to be measured using a calibratable pH probe that compensates for water temperature. Alkalinity may be sent to an ORELAP approved lab such as the lab used for coliform or nitrate sampling. Alkalinity may also be measured on-site using an approved test method (check with your regulator)

b. **Entry point sampling (every 14 days)** – Sample the entry point (post treatment) every 14 days for pH on an on-going basis.

c. **Distribution sampling (2 sets w/each lead and copper tap sampling event)** – Take 2 sets of pH and alkalinity samples from 1 location in the distribution system (e.g., a coliform sample site) at the same time as lead and copper tap sampling (e.g., every 6-months during demonstration rounds and with lead and copper tap sampling every 1- or 3-years as required on an on-going basis).

The sets should be spaced 2 weeks apart (e.g., sample the first set when the first lead and copper tap sample is pulled and the second set 2 weeks later).

2) Lead and copper tap sampling (10 tap sample sites)

Complete two rounds of lead and copper tap sampling at 10 sample sites (along with the sets of distribution pH and alkalinity described above) as follows:

a. **1st round** – to be completed prior to June 30, 2025

b. **2nd round** – to be completed between July 1st and December 31, 2025.

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: Joshua Teamus, REHS, Oregon Department of Agriculture
Sarah Schwab, REHS, Oregon Department of Agriculture
Darryl Hensley, JLR, dhensley@brucepac.com