



September 11, 2020

Rob Henry, PE
HBH Consulting Engineers
501 E. First Street
Newberg, OR 97132

**Re: Corrosion Control Installation (PR#123-2020)
Hiland WC - Hillview (PWS ID#05917)
Conditional Approval**

Dear Mr. Henry:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the corrosion control project for Hiland WC - Hillview. On August 23, 2020, our office received a set of plans, an evaluation/basis of treatment report and a plan review fee of \$248.

The project includes installation of caustic soda injection equipment for the purpose of corrosion control. The water system exceeded the action level for copper in November 2019. The treatment system will target a minimum pH of 7.2 and a maximum pH of 7.8. Once the project receives final approval, Nicole Alfafara (OHA/DWS) will work with the system on setting the appropriate water quality parameters and minimum pH.

The plans are approved with the following conditions:

- All items in contact with potable water must meet NSF Standard 61 or equivalent. Chemicals must meet NSF Standard 60 or equivalent.
- Testing equipment to measure pH must be available.
- The water system's operations and maintenance manual must be updated to include this equipment.
- Backflow prevention must be provided to prevent the contamination of the potable water system by backflow of water having excessive concentrations of caustic soda.

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 #123-2020 and can be emailed to me at Carrie.L.Gentry@state.or.us or mailed to:

Attn: Carrie Gentry
OHA-Oregon Drinking Water Services
PO Box 14450
Portland, OR 97293-0450

If you have any questions, please feel free to call me at (971) 673-0191.

Sincerely,



Carrie Gentry, PE
Regional Engineer
Drinking Water Services

cc: Nicole Alfafara, OHA/DWS
Gary VanDerVeen, REHS, Yamhill County Health Department
Matt Olson, Hiland WC - Hillview