



PUBLIC HEALTH DIVISION
Drinking Water Services

Kate Brown, Governor

Oregon
Health
Authority

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October 15, 2018

Yone Akagi, PE
Water Quality Manager
Portland Water Bureau
1900 N Interstate Ave
Portland, OR 97227

Re: Improved Corrosion Control Treatment Report

Dear Yone:

Thank you for your July 30, 2018 submittal to the Oregon Health Authority's Drinking Water Services (DWS) of the Improved Corrosion Control Treatment Report for Portland Water Bureau. This submittal fulfills the requirement to submit corrosion control treatment pilot study results and treatment recommendations by July 31, 2018.

DWS accepts the recommendation that the water be treated to maintain a pH of 8.5 in the distribution system with an alkalinity between 25 and 40 mg/L as CaCO₃ when using 100% Bull Run water. We understand that PWB will be using soda ash and carbon dioxide to achieve these targets. PWB will continue to adjust pH to 8.2 at the groundwater pump station treatment plant. DWS expects that a new pilot study for corrosion control treatment will be conducted once filtration is installed.

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: Ricardi Duvi, Ph.D., EPA Region 10