



PUBLIC HEALTH DIVISION  
Center for Health Protection, Drinking Water Services

Tina Kotek, Governor

Oregon  
**Health**  
Authority

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April 26, 2024

Jeff Cygan  
Corvallis Waldorf Association  
3855 NE HWY 20  
Corvallis, OR 97330

**Re: Corrosion Control Treatment (PR#51-2024)  
Corvallis Waldorf Association (PWS ID#93711)  
Conditional Approval**

Dear Jeff Cygan:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the corrosion control treatment modifications for Corvallis Waldorf Association. On April 16<sup>th</sup>, 2024, DWS received drawings, product information and a plan review fee of \$248.

The project includes the modifications to the existing corrosion control treatment system with the addition of the orthophosphate to the already existing soda ash. The orthophosphate is being utilized to possibly remedy pH excursions and raise the pH above 7.0. The treatment modification work will take place at the Corvallis Waldorf School, located on the northeast side of Corvallis, Oregon.

The project shall adhere to all applicable DWS Oregon Administrative Rules (OAR). The submitted plan review material has been reviewed and the following items were noted as specific conditions of final approval:

*Treatment Requirements and Performance Standards for Corrosion Control-*

- Modifications to the existing corrosion control system shall be installed and monitored per OAR 333-061-0050(4) and OAR 333-061-0034 as well as the EPA's Optimal Corrosion Control Treatment manual. With corrosion control treatment installed and operational, the Corvallis Waldorf School shall perform two 6-month rounds lead and copper water quality sampling demonstration rounds at the

standard sample set number (10 samples). The water system will need to collect sets of all Water Quality Parameters (WQP) both at the Entry Point (EP) and in the distribution system. Alkalinity is only needed if the treatment involves adjusting alkalinity (i.e., soda ash). Compare pH and alkalinity (if applicable) to applicable tap sample results. Coordinate post installation sampling and monitoring requirements with your water system's direct county regulator and the OHA Compliance monitoring.

Note what pH and alkalinity (if applicable) are in the distribution and entry point when the lead and copper concentration tap sample results are at their lowest. If the lead and copper values are quite low, it's ok to give a bit of a buffer (0.1 pH units, 1 mg/L alkalinity). If the lead and copper concentration tap sample results are not very low, the water system may need to adjust the pH and alkalinity (if applicable). Minimums can be set using the existing data and re-evaluated during future rounds. The water system may utilize the DWS Circuit Rider Program for up to ten hours of cost-free assistance with determining these WQP parameters.

*General-*

- Per OAR 333-061-0050(1)(e), only materials designed for potable water service and meeting NSF Standard 61: Drinking Water System Components - Health Effects or equivalent shall be used in those elements of the water system which are in contact with potable water.

*Disinfection of facilities-*

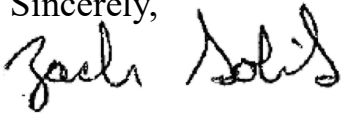
- Per OAR 333-061-0050(10), following construction or installation of new facilities and repairs to existing facilities, those portions of the facilities which will be in contact with water delivered to users must be cleaned and flushed with potable water and disinfected according to AWWA Standards C651 through C654 before they are placed into service.

**Until we receive verification that the conditions have been met and final approval has been issued, the treatment modifications are not approved for use.**

Documentation demonstrating how the above conditions were met should reference Plan Review #51-2024 and can be emailed to me at [zachariah.cunningham-golik@oha.oregon.gov](mailto:zachariah.cunningham-golik@oha.oregon.gov).

If you have any questions, please feel free to call me at 541-231-9077.

Sincerely,

A handwritten signature in black ink that reads "Zach Golik". The signature is written in a cursive, slightly slanted style.

Zach Golik, PE  
Regional Engineer  
Drinking Water Services

CC: Julie Wray, DWS Portland  
Scott Kruger, Benton County Health Department