

February 6, 2025

Yanira Vera
Oakridge Chapel
1825 NW Cottonwood Dr
McMinville, OR 97128

**Re: Disinfectant Residual Maintenance (PR# 2024-127)
Oakridge Chapel (PWS ID# 95509)
Conditional Approval**

Dear Yanira Vera:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the disinfectant residual maintenance for Oakridge Chapel. On November 14, 2024, our office received plans for a chlorine residual maintenance system and a plan review fee of \$248.

The project includes installation of a sodium hypochlorite feed system to maintain a disinfectant residual in finished water, and installation of a new inlet spray bar in the existing 5,000-gallon storage tank.

The plans are approved subject to the following conditions:

1. Provisions shall be made to alert the water supplier before the chlorine supply is exhausted. This requirement can be satisfied by either installing a low-level alarm or by creating a written procedure to check the tank daily.
2. Sample taps shall be provided before and following disinfectant application, and before the first user.
3. Testing equipment shall be provided to determine the chlorine residual.
4. Chlorinator piping shall be designed to prevent the contamination of the potable water system by backflow of untreated water or water having excessive concentrations of chlorine.
5. All items in contact with potable water must meet NSF Standard 61.
6. Following installation of the new spray bar, the 5,000-gallon storage tank must be cleaned and flushed with potable water and disinfected according to AWWA

Standard C652 before it is placed into service. Disinfection must be by chlorine unless another disinfectant can be demonstrated to be equally effective.

Additionally, I have the following comments/recommendations:

- The equipment used to determine the chlorine residual must be a DPD-test kit or other EPA approved method of testing.

Until we receive verification that the conditions have been met and final approval has been issued, the chlorine disinfection 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 # 2024-127 and can be emailed to me at baxter.call@oha.oregon.gov.

If you have any questions, please feel free to email me or call me at 541-393-4374.

Sincerely,

B Call

Baxter Call, PE
Regional Engineer
Drinking Water Services

ec: Julie Wray, DWS Portland
Sue Yellowtail, Lane County Environmental Health
Dennis J Boeger, PE, CWRE, Boeger & Associates