



24 November 2023

Daniel Willyard
City of Cannon Beach
PO Box 368
Cannon Beach, Oregon 97110

via email

**Re: Water Resiliency Phase 2 Waterline Replacement (PR# 147-2023)
City of Cannon Beach (WS ID# 00164)
Conditional Approval**

Mr. Willyard:

Thank you for your submittal (through contractors) to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Resiliency Phase 2 Waterline Replacement project for City of Cannon Beach. The project includes replacing 3,231' of 8" main, 5,400' of 12" main, and 205' of 6" main; primarily with high density polyethylene pipe to transmit water from the springs to town. By 8 November 2023 our office received plans, specifications, and a plan review fee of \$3,300.

The plans are approved with the following condition(s) {unless otherwise noted, rule references are from [OAR 333-061-0050...](#) }:

- The sewer and waterline crossings must conform to OAR (9)(c), as cited. (9)(c)
- Disinfection of the waterline must be completed according to AWWA C651-14, which includes verifying sanitary integrity with two bacteriological tests 16 hours apart; or two tests 5 minutes apart after sitting for 16 hours. (*Note*: The citation on page 33 01 10.58 – 2 in the specifications provided, while similar, does not mention this lag time between bacteriological tests that the standard requires.) (10)(b)(C)
- All items in contact with potable water must meet NSF Standard 61. 333-061-0087(5)

Until we receive verification that the conditions have been met and final approval has been issued, the project 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 #147-2023 and can be emailed to me, [Pete Farrelly](#).

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Pete Farrelly".

Pete Farrelly, PE
Regional Engineer
Drinking Water Services

cc: Tyler Stewart, PE, Windsor Engineering, 27300 NE 10th Ave., Ridgefield, WA 98642