



PUBLIC HEALTH DIVISION
Center for Health Protection, Drinking Water Services

Tina Kotek, Governor

Oregon
Health
Authority

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April 18, 2024

Mark Harshman
Tu-Tu-Tun Lodge/Four Seasons Resort
96550 N. Bank Rogue River Road
Gold Beach, OR 97444

**Re: 4-log Disinfection (PR#54-2024)
Tu-Tu-Tun Lodge/Four Seasons Resort (PWS ID#91199)
Conditional Approval**

Dear Mark Harshman:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the 4-log disinfection for Tu-Tu-Tun Lodge/Four Seasons Resort. On April 11th, 2024, DWS received calculations and a plan review fee of \$248.

The project includes the required installation of 4-log disinfection due to the active groundwater well source, SRC-AB, being confirmed for E.coli contamination. The chlorination type will be sodium hypochlorite injected to prior to the existing water storage tanks. The disinfection project will be at the water system located at the Rogue River facility northeast of Gold Beach, 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:

General-

- Per OAR 333-061-0050(1), 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.

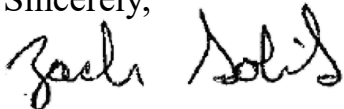
Facilities for disinfection and disinfectant residual maintenance-

- Per OAR 333-061-0050(5), disinfection of the potable water shall be done per the applicable portions of subsection (a) through (l) of this rule. Provide as-built information (i.e., drawings, photos, product data, etc.) demonstrating how these rules are met.
- The water system shall demonstrate they are meeting the required parameters per Civil West Engineer's submitted calculations:
 - Minimum chlorine residual at water system entry point,
 - Maximum flow out of the chlorine contact chamber,
 - A detectable chlorine residual is being checked at the extents of the water distribution systems. This residual needs to be checked at least twice a week, recorded and records maintained for review by regulator.

Until we receive verification that the conditions have been met and final approval has been issued, the 4-log disinfection system is not approved for use. Documentation demonstrating how the above conditions were met should reference Plan Review #54-2024 and can be emailed to me at zachariah.cunningham-golik@oha.oregon.gov.

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

Sincerely,



Zach Golik, PE
Regional Engineer
Drinking Water Services

CC: Julie Wray, DWS Portland
Kent Downs, DWS Springfield