



PUBLIC HEALTH DIVISION
Center for Health Protection, Drinking Water Services

Kate Brown, Governor

Oregon
Health
Authority

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healthoregon.org/dwp

27 December 2018

Harold Cooley
USFS Timberline Lodge 1
27500 East Timberline Road
Government Camp Oregon 97028

Dear Mr. Cooley:

Our latest records show that your water system, USFS Timberline Lodge 1, currently uses the following cartridge filter to treat your water:

Housing: Harmsco HIF-14
Cartridge: Poly Pleat PPD-1

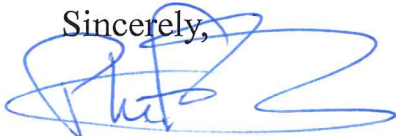
If this information is accurate this unit was approved for use under the Surface Water Treatment Rule. However, in January 2005 Oregon adopted the Long Term 1 Enhanced Surface Water Treatment Rule regulation. Timberline's cartridge filter does not meet the specifications established in this regulation. Therefore, if Timberline chooses to continue using its existing source water, you must consider the following three options to achieve compliance before the December 31, 2019 deadline:

- Replace the existing cartridge filtration unit with an approved unit. Currently, there are several available online at the following address: healthoregon.org/pwsplanreview
- Keep your existing cartridge filter but add an ultraviolet light (UV) reactor with a DWS-approved validation study to your treatment process to inactivate *Giardia* and *Cryptosporidium* to meet the required pathogen reduction levels; 3.0-log (99.9%) and 2.0-log (99%), respectively. Check the link above for a list of verified UV reactors to choose from.
- Replace (or add to) the existing cartridge filter with another approved filtration technology; e.g., slow sand, conventional or direct filtration, a membrane filter with a DWS-verified challenge study.

All these options require your project be reviewed and approved by this office prior to construction. Timberline must submit an action plan to this office by April 30, 2019, or formal enforcement will begin. Please contact your regional engineer, James Nusrala, P.E., for more guidance in making the correct choice to best meet your water system needs and for assistance navigating the plan review process.

For more information about the content of this letter, please feel free to contact me at 971.673.0462.

Sincerely,



Pete Farrelly, PE
Regional Engineer
Drinking Water Services

cc: Joel Ferguson, Clackamas County HD

James Nusrala, OHA-DWS
Brad Daniels, Enforcement Coordinator, OHA-DWS

Phillip Merrill
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