

November 13, 2024

Dan Reitz  
Alderwood Water Dev. Co.  
30086 Federal Lane  
Eugene, OR 97402-9763

**Re: Cartridge Replacement (PR#2024-83)  
Alderwood Water Dev. Co. (PWS ID#00304)  
Conditional Approval**

Dear Dan Reitz:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the replacement cartridge filter for Alderwood Water Dev. Co. On June 11, 2024, our office received site plan, specifications and a plan review fee of \$825.

The project includes replacing the existing Harmsco cartridge filter with a LT-2 compliant filter. The new filter housing model is a Rosedale NCO 8135-2P-1-150-S-700 with a cartridge filter model of Rosedale PS 740-356. The new filter will achieve 2.0-log removal of *Giardia lamblia* and the system will be required to do an additional 1.0-log removal through disinfection. Since no piping will be changed, the tracer study from 2010 will still be valid. If any components change, a new tracer study would be required at that time.

The plans are approved subject to the following conditions:

- Cartridge filters must be changed per manufacturer's recommendations. The Rosedale cartridge filter must be replaced if the pressure drop between the two pressure filters reaches 31 psi. DWS also recommends adding a procedure regarding this to the operations and maintenance manual.
- Flow restrictor or alternative to assure max flow is not exceeded. The flow for the Rosedale filter is restricted to 80 gpm. Please confirm how the flow through the filter will not exceed 80 gpm.

**Until we receive verification that the conditions have been met and final approval has been issued, the new cartridge filter 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 #2024-83 and can be emailed to me at [rebecca.a.templin@oha.oregon.gov](mailto:rebecca.a.templin@oha.oregon.gov).

If you have any questions, please feel free to email me or call me at 541-650-4868.

Sincerely,



Rebecca Templin, PE  
Regional Engineer  
Drinking Water Services

CC: Brandi Prunty, Oregon Water Services, Inc.  
Amy Bleekman/Nick Alviani, OHA/DWS