

December 24, 2025

Ken Mathis
Columbia Basin Onion
PO Box 1191
Hermiston, Oregon 97838

**Re: New Public Water System, Well, Nitrate and UV Treatment, Plan Review #96-2025,
Columbia Basin Onion, PWS ID #4195757
Conditional Approval**

Dear Ken:

Thank you for your submittal of plan review information to the Oregon Health Authority's Drinking Water Services (DWS). On November 11, 2025, a sketch of the proposed treatment system's layout was received. On December 19, 2025, the plan review fee of \$825 was received. No Land Use Compatibility Statement is required for this project. The project consists of installing nitrate removal treatment using ResinTech SIR-100-HP media, ultraviolet treatment with Viqua PRO series units, and water softening treatment. The plans have been reviewed and are approved based on meeting the following condition:

1. The salt used must be certified to NSF Standard 60 or equivalent.

I also note the following:

- No driller's log was found for the well. Without detailed information on the well's construction, including the depth of the casing and grout seal, the well cannot be approved for use. I recommend contacting the local Oregon Water Resources Department (OWRD) well inspector, Shaun Finn, to see if he can assist in finding a copy of the driller's log. I note that wells located in below-grade vaults typically require a special standard from OWRD.

- The onsite septic program of either the Umatilla County Environmental Health Department or the Oregon Department of Environmental Quality should be consulted to confirm disposal of the waste stream from the nitrate treatment units meets the applicable rules.
- The brine tanks used for regenerating the media are not required to have NSF Standard 61 certification.
- Documentation and procedures for the nitrate treatment and UV units must be incorporated into an Operation and Maintenance manual for the water system.
- Nitrate samples must be collected at each building shortly after the treatment units are installed to confirm their effectiveness.

Upon completion of the project, please verify in writing that the construction was completed according to the submitted plans. Until it is verified that the project meets the construction standards in OAR 333-061-0050 and Final Approval is granted for the project, the new facilities are not approved for use.

If you have any questions or would like this in an alternate format, please feel free to call me at (541) 966-0900 or email at william.h.goss@oha.oregon.gov .

Sincerely,



William Goss, PE
Regional Engineer

c: Julie Wray, OHA-DWS

Shaun Finn, Oregon Water Resources Department (pdf copy only)

Byron Morris, REHS, Umatilla County Env. Health Dept. (pdf copy only)