

Tina Kotek, Governor

December 11, 2024

Lexie Augusta
Lakewood RV Park
2564 Merry Ln
White City, OR 97503

**Re: Nitrate Removal Improvement Plan (PR#2024-155)
Lakewood RV Park (PWS ID#94998)
Conditional Approval**

Dear Lexie Augusta:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Nitrate Removal Improvement Plan for Lakewood RV Park. On November 13, 2024, our office received site plan, specifications and a plan review fee of \$248.

The project includes installation of a new cation exchange (ResinTech CG8 Nitrate Removal system) and base anion (Purolite A520-E) resin mix with incidental waterline and apparatus. This device is installed between the wellhead and the existing chlorination treatment injection point.

The plans are approved subject to the following conditions:

1. Sampling taps shall be provided before and following the treatment process (OAR 333-061-0050(4)(a)(E)). The plans did not indicate where sample taps were located.
2. Submit test results after installation that nitrate levels are below the MCL.

Until we receive verification that the conditions have been met and final approval has been issued, the nitrate removal system 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 #2024-155 and can be emailed to me at rebecca.a.templin@oha.oregon.gov.

In addition to the above conditions, I have the following comments/recommendations:

- Update the Operations and Maintenance manual for replacing media and maintaining the device according to manufacturer's specifications.
- Nitrate sampling will be reduced to quarterly for the first year. If sample results come back consistently below the MCL, then monitoring will be reduced back to yearly.
- Disposal of any waste products needs to be acceptable to Department of Environmental Quality (DEQ). This should also be included in the O&M manual.

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

Sincerely,



Rebecca Templin, PE
Regional Engineer
Drinking Water Services

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