



PUBLIC HEALTH DIVISION
Drinking Water Services

Tina Kotek, Governor

Oregon
Health
Authority

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April 20, 2023

Daniel Reitz
Lost Valley Educational Center
81868 Lost Valley Lane
Dexter, OR 97431

**Re: Arsenic Treatment (PR#56-2023)
Lost Valley Educational Center (PWS ID#94011)
Conditional Approval**

Dear Daniel:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Arsenic Treatment for Lost Valley Educational Center. On April 18, 2023, our office received a project description, spec sheets for adsorption media, anion resin, water softener and filters, a layout proposal, and a plan review fee of \$248.

The project includes the installation of an arsenic treatment system involving water softeners using Purolite A330 anion resin for pH reduction and Adedge AD33 iron oxide media adsorption filters in the existing pump house.

The plans are approved with the following conditions:

- The Operations and Maintenance manual must be updated and include the time to replace media and filter backwash procedures.
- Once construction is complete, a treated arsenic sample below the MCL must be submitted.
- Any waste media must be disposed of in a method acceptable by the Department of Environmental Quality.

In addition to the conditions for approval, I have the following comments:

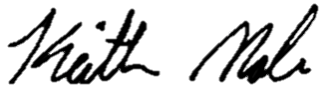
- Once construction is complete, initial arsenic monitoring will be once every calendar quarter. Monitoring may be reduced to one sample per year after monitoring results are below the MCL for arsenic for at least four consecutive calendar quarters. Monitoring

may not be reduced to less frequently than once per year.

Until we receive verification that the conditions have been met and final approval has been issued, the Arsenic Treatment 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 #56-2023 and can be emailed to me at keith.male@oha.oregon.gov.

If you have any questions, please feel free to email me or call me at 503-939-1322.

Sincerely,

A handwritten signature in black ink that reads "Keith Male". The signature is written in a cursive, flowing style.

Keith Male, EIT
Regional Engineer
Drinking Water Services

cc: Julie Wray, DWS
Carrie Gentry, PE, OHA/DWS
Nicholas Alviani, Lane County Health Department