



8 July 2022

Shannon Tice
McNulty Water PUD
PO Box 260
St. Helens, OR 97051

via email

Re: Arsenic Treatment with Ion Exchange (PR# 115-2021)
McNulty Water PUD (WS ID# 00725)
Final Approval

Ms. Tice:

Thank you for confirming that the arsenic treatment system was installed according to the approved plans. Oregon Health Authority's Drinking Water Services (DWS) received updated plan review information. By 30 June 2022 DWS received as-built plans, arsenic monitoring results before and after treatment, coliform results, and a project update form for treatment at Entry Point D (EP-D), "Robinette ASR," for McNulty Water PUD. The project installed two "MetSorb" ion exchange treatment units in series. When the first unit is expended, the second unit will provide treatment. Meanwhile, service provider Wigen will vacuum out the expended media and replace it.

Final approval is granted for the project.

Please note the following:

- The sampling schedule for arsenic is set to quarterly for the next year at the entry point, EP-D, or until control of arsenic is demonstrated. { OAR 333-061-0036(2)(a)(D) }
I recommend using an arsenic field test kit to check the arsenic concentrations on a regular basis in between the quarterly lab samples.
 - The results submitted demonstrate that 23 ppb arsenic from the Robinette well was reduced to non-detectable levels after treatment.
- Lead and Copper monitoring in the distribution system is also increased to every six

months for at least one year to demonstrate no changes to corrosion control has occurred. Importantly, the number of sample sites required is also increased to twenty. Use [EPA Form 141a](#) to determine eligible sample sites among your customers. More information on sample site selection criteria is also [online](#). Daniel Osborn, ec'd here, can also help consult with this sampling, if needed.

If you have any questions, please feel free to contact me at the information above. Thank you for your cooperation during the process of making the improvements to your water system.

Sincerely,

A handwritten signature in black ink, appearing to read "Pete Farrelly", is displayed on a light blue rectangular background.

Pete Farrelly, PE
Regional Engineer
Drinking Water Services

cc: Anne Boutwell, Tyler Joki, Paul Stull, John Christiansen, AKS Engineering
Robert Trotter, McNulty Water PUD
Daniel Osborn, Columbia County Environmental Health