



STATE OF WASHINGTON  
DEPARTMENT OF HEALTH  
*NORTHWEST DRINKING WATER REGIONAL OPERATIONS*  
*PO BOX 47800, MS 47822, WA 98504-7800*

Distribution by email only

August 20, 2024

Jeffrey Olson, operator

[jolson@nwnaturalwaterservices.com](mailto:jolson@nwnaturalwaterservices.com)

Bill Burnett, President Polnell Landing Water Association

[billburnett@earthlink.net](mailto:billburnett@earthlink.net)

Polnell Landing Water Association, owner  
2028 Tombolo Dr. Oak Harbor WA 98277

Subject: Polnell Landing Water System, ID#55476  
Island County  
Disinfection Treatment Required.

Dear Jeffrey Olson and Bill Burnett,

Our records indicate that the Polnell Landing Water System had confirmed bacteriological contamination in the months of May and November 2023 and April, June, July 2024. Total coliform was detected in the well sample in May 2023; no coliform was detected in the well in November 2023, April and July 2024.

Each time a bacteriological incident occurs, the water purveyor is required to perform Level 1 or Level 2 Assessment. These assessments are intended to find and fix the cause of contamination.

Assessments were completed for the November 2023 and April 2024 contamination events. The assessor noted that existing, unapproved, iron and manganese filtration treatment was not working and recommended the addition of chlorine disinfection. [We do not have record of the required Assessments for the May 2023 or for the June or July contamination events].

We understand that you are currently working with Facet Engineering to evaluate the iron and manganese filtration system. It would be appropriate to add chlorine disinfection to the treatment train.

**Given the repeated occurrence of bacteriological contamination and the repeated inability to find and fix sanitary defects, you are directed to install permanent, continuous disinfection treatment to maintain a detectable disinfectant residual throughout the distribution system per WAC 246-290-451 (5) and (7). Please note the corrective actions and compliance dates below. Note, it is highly recommended that disinfection treatment is designed to also meet the CT6 requirement of WAC 246-290-451 (4), but it is not required currently.**

For public health protection, the Washington State Department of Health, Office of Drinking Water (ODW) must establish the schedule and timeframes for your system to provide disinfection treatment to address future bacteriological contamination.

**Corrective action required:**

1. By **November 1, 2024**, submit a project report and construction documents for review and approval for continuous disinfection treatment. These documents must be prepared by a licensed professional engineer. Contact Derek Pell, our Regional Engineer for Island County, for technical assistance at [Derek.pell@doh.wa.gov](mailto:Derek.pell@doh.wa.gov).
2. By **February 1, 2025**, install and operate disinfection treatment, and provide the certification of construction completion report to this office.

If you need an extension of a deadline(s) for good cause, please contact us as soon as possible. We are required to follow up with further compliance and enforcement if the disinfection installation is not timely.

Thank you for addressing some of the drinking water requirements so far and please continue working with us on returning to compliance with this and other basic requirements. Please let me know if you have any questions on the compliance process or regulatory requirements.

Sincerely,



Derek Pell, PE  
Regional Manager  
Northwest Regional Office (NWRO), ODW  
Washington State Department of Health

Ecc:           Aniela Sidorska, NWRO Compliance Manager  
                  Aneta Hupfauer, Island County Public Health  
                  Jeff Tasoff, Facet Engineering  
                  JJ Olson – Certified Operator King Water  
                  Jessica Perryman – King Water  
                  Alexis Medina, NWRO - Regional Engineer  
                  Mary Rucksdashel, NWRO – Disinfection Program