



Cowlitz County Health and Human Services

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WATER AVAILABILITY CERTIFICATE

Status: Approved

Date: June 05, 2025

Record Number: EHU-05-25-0439

Project Address: LEWIS RIVER RD, ARIEL, WA 98603

Project Parcel: EH1315001

SYSTEM INFORMATION

Well Scope: Shared Well

Production: 8.5 GPM

Well ID: BQS-615

LOCATION INFORMATION

The well is located on Lot 4 of CC 24-58.

SUPPLY INFORMATION

Water will be serving Lot 4 of CC 24-58 and Lot 3 of CC 24-58.

COMMENTS

This Water Availability is intended for Short Plat CC 24-58, Lot 4 of 4.

The documents submitted with your application indicate that your well has a water flow of 8.5 GPM, which is below the standard for a shared well. The standard for a shared well is 10 GPM for 2 hours. Additional storage is recommended to compensate for the low flow.

CONTAMINANTS PRESENT

*****Please note: concentrations of contaminants can vary over time.*****

- **IRON:** The water analysis indicates an iron level of 11.2 mg/L, exceeding the EPA Maximum Contaminant Level (MCL) of 0.3 mg/L. Iron is a secondary contaminant and can be an aesthetic nuisance due to staining, odor, taste and pipe or valve clogging. Treatment may be desired.
- **MANGANESE:** The water analysis indicates a manganese level of 0.194 mg/L, exceeding the EPA Maximum Contaminant Level (MCL) of 0.05 mg/L. Manganese is a secondary contaminant and can be an aesthetic nuisance due to staining, odor, taste and pipe or valve clogging. Treatment may be desired.
- **SODIUM:** The water analysis indicates a sodium level of 31.9 mg/L, exceeding the EPA recommended level of 20 mg/L. Sodium may be a concern for an at-risk population, such as those suffering from hypertension or on sodium-restricted diets. Treatment is recommended.

CONDITIONS

This approval does not guarantee or assure the continued quantity or quality of the water source or future compliance with local, state, and federal standards, rules or regulations. This water system review is a snapshot of the water supply as of the day the Health Department

conducts its review or inspection, and does not imply or warranty future water availability.

The information submitted by the applicant has been reviewed and it has been determined that this property meets the requirements for availability of potable water.

- All open trenches near the well head should be closed as soon as possible since they present contamination sources for the well.
- New or repaired potable water systems shall be disinfected prior to use.
- Well must be 50 feet from sewer lines.
- Maintain a 100 foot radius sanitary zone around wellhead free of known or potential contaminant sources.
- Well must be a minimum of 50 feet from septic tanks and 100 feet from drainfields and reserve drain field areas (unless otherwise noted in the comments section of this document).
- Water lines must be a minimum of 10 feet from sewer lines and may not cross/intersect.

Approved By:



Date of Approval: 6/5/2025

Nic Bakotich

Environmental Health Specialist (Agent of the Health Officer)