



Cowlitz County Health and Human Services

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Environmental Health Unit: 207 4th Avenue North, Kelso, WA 98626 OMSeptic@cowlitzwa.gov

WATER AVAILABILITY CERTIFICATE

Status: Approved

Date: June 05, 2025

Record Number: EHU-06-25-0488

Project Address: UNADDRESSED

Project Parcel: EH1315001

SYSTEM INFORMATION

Well Scope: Shared Well

Production: 50 GPM

Well ID: BQS-611

LOCATION INFORMATION

The well is located on Lot 2 of CC 24-58.

SUPPLY INFORMATION

Water will be serving Lot 1 of CC 24-58 and Lot 2 of CC 24-58.

COMMENTS

This Water Availability is intended for Short Plat CC 24-58, Lot 1 of 4.

CONTAMINANTS PRESENT

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

- **ELEVATED ARSENIC:** The water analysis indicates an elevated arsenic level of 5 parts per billion (ppb). Although below the Maximum Contaminant Level (MCL), the Code of Federal Regulations has an informational statement for arsenic detected at levels above 5 ppb (0.005 mg/L), and up to and including 10 ppb (0.01 mg/L) as follows:

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the cost of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Arsenic concentrations in ground water can vary over time.

- **IRON:** The water analysis indicates an iron level of 14.3 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 0.289 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 29.5 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:

Nic Bakotich

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Environmental Health Specialist (Agent of the Health Officer)

Date of Approval: 6/5/2025