



Spokane Regional Health District (SRHD) conducts water adequacy reviews prior to the issuance of building permits for those projects in Spokane County that propose the use of a private water system to serve a building necessitating potable water. To determine if the water source is adequate\*, the following items must be submitted to SRHD for review:

1. **Water Well Report Form (well log)** – This is a Washington State Department of Ecology (DOE) form that is completed by your licensed well driller when your well is drilled. A copy may be obtained from your driller or through DOE.
2. **Pump Test Certification Form** – This is an SRHD form to be completed by your licensed well driller or pump installer at the time the water source is pump-tested. To be approved, the pump test must indicate a minimum water production rate of 1440 gallons per day per single-family residence and/or accessory building, or commercial building.
3. **Coliform Bacteria Test Results** – A water sample must be collected from the water source by an SRHD-approved water sampler and tested for coliform bacteria by a Washington State Department of Health (DOH)/DOE-accredited laboratory. To be approved, the test results must indicate that coliform bacteria is absent. If the test results are unsatisfactory, the source may be resampled. If unable to obtain a satisfactory result, an approved treatment unit and property deed notification will be required in order to approve the water source.
4. **Nitrate Test Results** - A water sample must be collected from the water source by an SRHD-approved water sampler and tested for nitrate by a DOH/DOE-accredited laboratory. To be approved, the test results must indicate that the nitrate level does not exceed 10 milligrams per liter (mg/L). If the initial sample exceeds this standard, the source may be resampled one time and the results averaged. If the average result of the two samples exceeds the standard, a property deed notification will be required in order to approve the water source.
5. **Water Adequacy Review Fee** – See current SRHD fee schedule.

The documents can be emailed to [liquidwaste@srhd.org](mailto:liquidwaste@srhd.org).

Following receipt and approval of the above items, SRHD will notify the jurisdictional building code authority that the water adequacy requirements have been met.

\*The SRHD water adequacy review is limited to a one-time assessment of the water source for production rate, coliform bacteria contamination, and nitrate contamination. Assessment of the water source for other contaminants is the responsibility of the property owner. Groundwater conditions often change over time, which may affect future production rates and the presence of contaminants. SRHD recommends periodic testing of any private drinking water supply to ensure its safety.

Please be advised that private drinking water wells in some areas of Spokane County have been found to contain elevated levels of uranium and/or arsenic. SRHD recommends that private well owners in Spokane County have their water tested for these elements in addition to bacteria and nitrate. Testing for uranium and arsenic is strictly voluntary and will not affect the permitting process.

For additional information on private water systems and a list of water testing laboratories, visit [www.srhd.org](http://www.srhd.org).