

GUIDE FOR APPROVAL OF A PUBLIC WATER SUPPLY FOR TWO-PARTY WELLS

(Two Connection Maximum)

Contact Island County Public Health to discuss your plans with a staff professional if you have any questions after you have read this guide.

Creation of a two-party water system is a two-step process. Each step has associated fee.

STEP 1 – WELL SITE INSPECTION:

1. Apply to Island County Public Health for a well site inspection. Control of a 100-foot pollution control radius must be established. Following the inspection, recorded copies of well site protection covenants will be required for final well site approval.
2. If nearby public water systems are identified, submit the Certificate of Water Service Availability form(s) to those water systems to obtain signatures.
3. In areas classified as high risk or very high risk of seawater intrusion, evaluation of potential aquifer impact will be required in order to obtain well site approval.

STEP 2 – WATER SYSTEM APPLICATION:

1. Perform a pumping test/drawdown test to determine the production capacity of the well. The pump test/drawdown test must be for 4 hours after the drawdown has stabilized to within 0.1 feet/hour and the test report prepared in accordance with the Island County pumping test policy. The pump test needs to demonstrate that a well can produce the minimum supply requirements defined in WAC 246-291-125(4)(d), which, for Island County, is currently set as 750 gallons per day per residential service connection (1,500 gpd for 2 connections), and recover to at least 95 percent of pre-pumping levels within a normal 24-hour operational period.
2. Obtain water quality analyses from a state-certified laboratory. Analyses required include bacteriological analysis and complete inorganic chemical analysis. Samples are best pulled near the end of the pumping test.
3. Submit the following documents as a package to the Island County Public Health for review:
 - a) A Water System Application;
 - b) a scaled site plan showing location of the well, water lines, waterline easements, etc.;
 - c) a copy of the well driller's report ("well log");
 - d) a copy of the complete inorganic chemical analysis (done within last 3 years);
 - e) a copy of the bacteriological analysis (done within last 12 months);
 - f) a copy of a draft Water Users' Agreement (prior to recording);
 - g) a copy of the pumping test report;
 - h) evidence that three (3) water meters were installed (one at the well head and one at each service connection);

Once you are notified that the Water Users' Agreement is sufficient, complete and record this document. Submit a recorded copy of this document that bears the Auditor's recording number.

4. After a review of your complete package, if all items are satisfactorily completed, you will receive a letter of approval for the water system. Your 2-party water system will be assigned a water system identification number.
5. Submit the completed Certificate of Construction and Installation form, upon completion of installing the water system.

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