



Applicant: _____
 Tax Parcel #: _____
 Section: _____ Township: _____ Range: _____
 Project #: _____
 Date: _____

Thurston County Resource Stewardship
 2000 Lakeridge Drive SW
 Olympia, WA 98502
 (360) 786-5490 / (360) 754-2939 Fax
 Email: permit@co.thurston.wa.us
www.co.thurston.wa.us/permitting/

**CERTIFICATE OF WATER AVAILABILITY (COWA)
 CONNECTION TO A SINGLE FAMILY OR TWO-PARTY WATER SYSTEM**

Use this form if you are proposing one or two single family residential connections to a Water Source

Purpose: To assure the availability of potable drinking water, Chapter 19.27 RCW, WAC 246-290, and the Thurston County Sanitary Code, Article 3.
 Issuance of a Certificate of Water Availability (COWA) is required prior to issuance of all on-site sewage installation permits or building permits for new construction or change of use when potable water is required.

APPLICANT TO COMPLETE THIS SECTION (see instructions on page 2)

Indicate the type of proposed water source: Single Family Two-Party
 Well Spring Other (please identify): _____

Attach: 1. A source and pump house construction schematic; the applicant may substitute an acknowledgement that construction will conform to Article 3, Appendix "A" (see page 2) by signature: _____
 2. Isolation covenants, easements, water quantity and quality information (pump and water test results), driller's well log report, etc. as indicated in the Conditional Site Approval letter.

PERMIT ASSISTANCE CENTER STAFF TO COMPLETE THIS SECTION

FOR STAFF EVALUATION ONLY

Required items for review upon completion of construction and testing:

- Well driller construction report (well log) Well assessment by licensed well driller (route to EH)
- Water source capacity information (pump test to demonstrate > 400 gallons per day (800 gpd for 2-party); this may be provided on the driller's report).
- Water Quality Reports: coli form nitrate other: _____
- Miscellaneous: 2-party covenants surface water design water rights
- notice of understanding, when applicable
- If in area of known contamination provide date of notification: _____

Required items for review received?

- YES NO All well construction documents are submitted and are complete
- YES NO The water quantity report indicates >400 gpd per residence is available
- YES NO Quality reports indicate the water quality is satisfactory

WATER CERTIFICATE APPROVAL RECOMMENDED **APPROVAL NOT RECOMMENDED**

EH Signature _____ Title: _____ Date: _____

WATER CERTIFICATE APPROVED **WATER CERTIFICATE NOT APPROVED**

PAC Signature _____ Title: _____ Date: _____

CERTIFICATE OF WATER AVAILABILITY INSTRUCTIONS CONNECTION TO A SINGLE FAMILY OR TWO-PARTY WATER SYSTEM

- Step 1** Complete the applicant section on the application form.
- Step 2** **Single Party Well** – Attach copy of Well Driller Construction report (well log). Also attach pump test if quantity is not listed on well log or well log indicates flow of less than three (3) gallons per minute. If no log is available, a written assessment of the well construction standards and capacity by a licensed well driller is required.

Include the following with your application:

- Bacteriological Water Test results
- Nitrate Water Test results

Water source and pump house construction plans will be reviewed later to assure sanitary protection of your water supply. You may elect to acknowledge that the well and pump house will be constructed in conformance with Thurston County Sanitary Code, Article 3, Appendix A. You should retain a copy of Appendix A for reference during construction if you chose not to submit your own water source construction plans.

2-Party Well – Attach copy of approval letter from Thurston County Environmental Health.

- Step 3** Submit the COWA form with attached documents to:
 Thurston County Resource Stewardship; Permit Assistance Center
 2000 Lakeridge Drive SW
 Olympia, WA 98502
- Step 4** Thurston County Permit Center staff will review the documents and issue a Certificate of Water Availability if the requirements to demonstrate water availability are met.

*please consult with staff if a water source other than a drilled well is proposed; other conditions may apply.

APPENDIX A TYPICAL WELL AND PUMP HOUSE SCHEMATIC (NOT drawn to scale)

- NOTES: 1. Buildings > 120 square feet measurement at the projected roof drip line require a building permit.
 2. An electrical permit is needed from the Washington State Department of Labor & Industries.
 3. The following items are recommended: floor drain, locking door or hatch, well inspection port, and a raw water sampling tap.
 4. Well construction must meet the requirements of WAC 173-160.

