

# WATER SYSTEM DESIGN

## Water System Classifications

- **Group A Public Water System** is classified as a community system with 15 or more connections or serves greater than 25 or more people per day for 60 days or more per year.
- **Group B Public Water System** is classified as community system with 3 to 14 residences and less than 25 people per day (such as a workplace) or 25 or more people per day for fewer than 60 days per year.

## City or Urban Service Areas

If the water system project is within a City jurisdiction or Thurston County Coordinated Water System Plan Urban Service Area, the Environmental Health Division will mail the application to the applicable jurisdictional authority and will hold permit issuance until their review and comment is completed.

**NOTE:** Expansion of a one or two single family water supply to provide water service to additional connections will require the water system meet the Group B or Group A public water system requirements of Article III of the Thurston County Sanitary Code. This includes a design of the proposed system expansion by a licensed professional or engineer and subsequent approval by Thurston County Environmental Health Division or Washington State Department of Health Office of Drinking Water, if applicable.

## How Do I Apply?

Submit a completed application package to the Permit Assistance Center with the applicable application fee. Complete application package requirements are outlined on the application form.

## Review Process

Environmental Health staff will review the water system design and any required reports and grant

preliminary approval if all the requirements are satisfied. After construction is completed a signed and notarized Certificate of Inspection and Installation of Public Water System Projects must be submitted by the designer. Staff will review and recommend approval of the Certificate of Water Availability (COWA) if all requirements are satisfied.

## Fees

There is a fee for processing the Water System Design. Check the current fee schedule at the Permit Assistance Center or on our website (see below).

## Appeals

Any person aggrieved by a decision, an inspection, or notice made by the Health Officer shall have the right to appeal the matter as specified in Article 1 of the Thurston County Sanitary Code.

## I Still Have Questions...

The information provided in this bulletin is meant as an overview. For more details, talk to a staff member at the Thurston County Environmental Health Division (contact information below).

**NOTE:** The information in this bulletin is only a general guideline of the procedures and rules. You should not rely on the bulletin to identify the specific requirements for your project.

## Additional Information

For additional guidance and fact sheets visit our web site at <http://www.co.thurston.wa.us/health/ehadm>

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