

Memorandum

Date: May 2, 2019
To: Sewage System Designers and Installers
From: Thurston County Environmental Health
Subject: Designer and Installer Updates

Thurston County Environmental Health would like to update designers and installers on the following items. We will implement these requirements for on-site sewage system applications that are received on or after August 1, 2019.

- 1) If a designer is proposing the use of an aerobic treatment unit, the designer needs to make sure the tank that is being proposed for use is listed as approved for the specific ATU. Here is a link to the Washington State Department of Health document:

<https://www.doh.wa.gov/Portals/1/Documents/Pubs/337-046.pdf>

- 2) Environmental Health supports the county's efforts in providing low insurance rates with respect to flooding and FEMA requirements. The Recommended Standards and Guidance Document for Pressure Distribution systems require electrical controls to follow all National Electrical Code rules which include elevating the pump control boxes two feet above the designated flood elevation.

The designer and property owner should work with Tim Rubert, Flood Plain Manager, to ensure these requirements are met and the proper elevations are shown on the record drawing. The control panel elevations are required for record drawing acceptance. Mr. Rubert's direct phone number is (360) 867-2123.

- 3) We are requiring designers to include the operating capacity of the sewage system as well as a statement that the owner is responsible for keeping the flow of sewage to the on-site sewage system at or below the operating capacity and sewage quality. Article IV Section 8.1.4.3.3 is the code section for reference. To ensure this, timers should be set to the operating capacity and reported on the Installer Construction Completion Form.

If you have any questions, please feel free to contact Thurston County Environmental Health at (360) 867-2673.