

KITSAP COUNTY BOARD OF HEALTH ORDINANCE 2008-01

ONSITE SEWAGE SYSTEM AND GENERAL SEWAGE SANITATION REGULATIONS

Policy #24: Media Standards for All Media Based Treatment Components

Effective Date: April 1, 2011

Purpose: The purpose of this policy is to establish specific media standards for the sand media used in all media based treatment components.

Media Standards

1. Sand Media Specification

1.1. Non-Proprietary Treatment Components:

The filter media must meet items the Course Sand Media Specifications of a, b, and c, below:

a. Particle size distribution

Sieve	Particle Size	Percent Passing
3/8 in	9.50 mm	100
No. 4	4.75 mm	95 to 100
No. 8	2.36 mm	80 to 100
No. 16	1.18 mm	45 to 85
No. 30	0.6 mm	15 to 60
No. 50	0.3 mm	3 to 15
No. 100	0.15 mm	0 to 4

b. Effective Particle Size (D10) > 0.3 mm.

c. Uniformity Coefficient (D60/ D10) < 4.0

1.2. Proprietary Treatment Components:

The filter media must meet the minimum requirements of the manufacturer.

2. Media Verification

2.1. Non-Proprietary Treatment Components:

2.1.1. Sand shall only be acquired from approved Sand Pits.

2.1.2. Sand Pits shall provide a current sieve analysis to the Health District on a frequency no less than every six months

2.1.3. Approved Sand Pits will be posted on the Kitsap County Health District website.

2.1.4. A copy of the receipt from where the sand was acquired shall be presented as part of the final record of construction.

2.2. Proprietary Treatment Components:

2.2.1. All installations of proprietary media treatment components shall include a statement from the designer or engineer that the media utilized meets the requirements set forth in section 1.2.