
INCORPORATED 1765



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TO: Franklin County Septic Designers and Installers
FROM: Andrea Crete, RS, MPH, Regional Health Director
DATE: Approved 3/27/2013
RE: New CPHS Uniform Title-5 Sand Testing Policy

The Franklin County Cooperative Public Health Service (CPHS) is providing public health services to several Boards of Health in Franklin County. In order to provide a uniform level of consumer protection, the following policy concerning the testing of Title-5 sand will be used.

310 CMR 15.255(3) requires that a sieve analysis shall be performed on a **representative sample** of all materials used for "Construction in Fill". 310 CMR 15.255(4) allows that the local Board of Health may require that a minimum of one **representative sample** be taken from the in-place fill for a system serving a single family residence and tested for compliance with the grain size requirements.

In order to comply with the above requirements, Septic Installers will need to furnish copies of sand analysis report(s) for the materials being used pursuant to 15.255. These analyses may be furnished by the sand supplier provided they meet the Title-5 code requirement for being a **representative sample**. The following process will be used:

1. Supplier-provided Title-5 Sand analyses shall be less than one year old.
2. Sand suppliers shall ensure that the analysis provided to the Septic Installer is representative by following a written **Quality Assurance Plan (QAP)** which documents the method(s) used to ensure that a sample report represents the actual material being supplied for use. The **QAP** shall indicate where the sample was taken from the pit or pile, and how it was handled, composited, or blended.

3. The sand supplier's **QAP** shall be made available upon request to any Septic Installer or Board of Health, at no charge.
4. If the above requirements can not be met, the Septic Installer shall follow 15.255(4) and collect a representative sample from each system being installed.
5. The Septic Installer shall certify that this process is being followed and shall provide copies of all sand sieve analyses along with a Bill-of-Lading connected to the tested materials, as part of the sign-off on the Certificate of Compliance following system installation, per 15.021(3).

Should you have any questions, please feel free to call or email.
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