

**ADEQ Delegation Agreement Training  
High Strength Wastewater  
Wednesday, July 12, 2023  
9:30 am to 11:00 am  
WEBINAR ONLY**

[Click Here to Register](#)

This webinar is focused on the treatment of high strength wastewater.

**Session # 1: 9:30 am to 11:00 am**

Speaker – Kevin Sherman, P.E., Ph.D., D., WRE  
Director of Engineering and Regulatory Affairs  
SeptiTech, Inc.

- High strength wastewater defined
- Typical domestic wastewater defined
- Examples of high strength wastewater
- Can a home generate high strength wastewater?
- What is BOD5?
- What are total suspended solids?
- What is FOG? Where does it come from?
- How do you remove nitrogen from wastewater?
- What is the key to treating high strength wastes?
- How do you determine the organic load in wastewater?
- Some example calculations for sizing a soil treatment area, unit conversions, and calculation of wastewater organic loads
- Florida research on food service establishments and associated data analysis
- Research of Florida soils to determine their long-term acceptance rate of high strength effluent
- Conclusions from the Florida Food Service Establishment research
- How do you protect a drainfield from grease?
- What is a grease interceptor?
- What types of grease interceptors are available?
- How do grease interceptors work?
- What are the maintenance and operation requirements for a grease trap?

*Per the Arizona Sanitarian's Counsel, 1.50 Registered Sanitarian Continuing Education Hours are available for participation.*

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