

Concurrent Sessions

Track: NAWT Septage Treatment

Monday, October 14, 2019
1:30 pm to 2:30 pm
Analyzing Your Resources
Tom Frank

This session will introduce the concepts of how to get creative and think outside the box for the purposes of building, siting, and assembling the Team of Professionals needed to build their own septage treatment processing plant.

Monday, October 14, 2019
2:30 pm to 3:30 pm
All the 'Other Stuff' You Need
Therese Wheaton

In this session, attendees will learn that there are many peripherals needed to complete the septage treatment process. Such items as screening and grit removal, tankage, mixing, and chemical conditioning will be discussed in detail. The participant will be introduced to the many additional elements that may be needed for the type of facility they would like to create; how the different peripherals function and fit into their design; and how to figure these into the overall business plan and financing options.

Monday, October 14, 2019
4:00 pm to 4:30 pm
Choosing an Engineer
Dave Gustafson

This session will discuss the hiring of an engineer to help the participant through the maze of regulatory requirements they will encounter in the designing, siting, and building a septage treatment facility. Key points that should be explored when reviewing the credentials of engineer candidates will be discussed.



Tuesday, October 15, 2019
8:00 am to 9:00 am
Accepting Septage at Your POTW
Tom Ferrero

In this presentation, the participants will learn what makes up the composition of septage and the economics of treating this trucked in waste stream. In addition, there will be a discussion on the administration and management of trucked in waste including hauler permitting, vehicle requirements, load manifesting, and recordkeeping. Options as to how to accept the septage into a POTW either through the liquid stream or directly into the solids stream will be presented. The participant should be able to apply the knowledge learned to make a case for accepting or not accepting septage into their POTW.

Tuesday, October 15, 2019
9:00 am to 10:00 am
The Heart of the Matter - Dewatering Options Part I
Kelly Brown

In this session, all reasonable dewatering options will be presented giving attendees information they need to help answer the question What is the best dewatering device for me? The participant

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will be introduced to the different types of common dewatering options; they will learn about what will be required to utilize each type of device; and be able to make an educated decision on which option will best suite their needs and fit their business plan.

Tuesday, October 15, 2019

10:30 am to 11:30 am

The Heart of the Matter - Dewatering Options Part 2

Kelly Brown

Continuation of 'The Heart of the Matter - Dewatering Options Part I'

Tuesday, October 15, 2019

1:00 pm to 2:00 pm

Odor Control

Tom Ferrero

Odor is an issue that all facilities must address. In this session, the participants will be introduced to the various types of odor control devices available. There will be an emphasis on the design and construction of a biofilter. Participants will leave with the design parameters needed to custom design a biofilter for their facility.

Tuesday, October 15, 2019

2:00 pm to 3:00 pm

What to do with the Water and the Solids

Dave Gustafson

Since the basic concept of the waste treatment process is to separate the liquids and the solids, attendees will learn the many options available for the final deposition of these materials. The session will cover some of the options and considerations they will have to dispose of the remaining waste products; the EPA 503 Requirements will be addressed; as well as understanding land application loading rates for wastewater.

Tuesday, October 15, 2019

3:30 pm to 4:30 pm

Let's Get Started

Therese Wheaton

Now put what the attendees have learned so far together in a business plan with encouragement to "Get 'er done!" This session will bring it all together with how to finalize the formulated plan; a summary of all the steps that need to be taken for this project; and creating a list of resources and contacts for research and support on their project development.