

2019 OHIO TRAINING OUTLINE

Peat Fiber Biofilter: Design, Install, and Maintain Sequencing Batch Reactor: Overview and Design

- 9:00 am – 10:20 am
 - Peat fiber biofilter overview
 - Design considerations
 - Facility type, occupancy, hydraulic loading, waste strength
 - Peat fiber overview
 - Peat fiber biofilter treatment
 - Performance capability
 - OAC Chapter 3701-29 treatment levels
- 10:20 am - 10:40 am
 - Break
- 10:40 am – 12:00 pm
 - Hydraulic linear loading rate overview
 - Peat fiber biofilter sizing per OAC Chapter 3701-29
 - Dispersal field options and sizing per OAC Chapter 3701-29
- 12:00 pm - 12:40 pm
 - Lunch
- 12:40 pm – 1:20 pm
 - Peat fiber biofilter installation
- 1:20 pm – 2:00 pm
 - Peat fiber biofilter operation and maintenance
- 2:00 pm – 2:20 pm
 - Break
- 2:20 pm – 3:20 pm
 - Peat fiber biofilter design examples using Excel tools and soil report
- 3:20 pm – 3:30pm
 - Break
- 3:30 – 4:30 pm
 - Sequencing batch reactor
 - Treatment process overview and design principles
 - Performance capability and OAC Chapter 3701-29 treatment levels

Trainer:

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Continuing Education Units:

6 hours