

Bioreactor Workshop Agenda

May 25-26, Orlando

Wednesday, May 24

5:00 Meet for cocktails and hors d'oeuvres - Embassy Suites Lounge

Thursday, May 25

8:00 Registration

8:30 Welcome/Goals of Workshop

*John Schert, Florida Center for Solid and Hazardous Waste Management
Fletcher Herrald, Florida Department of Environmental Protection*

8:45 Introduction of Participants

9:00 A History of Bioreactor Research in Florida

Timothy Townsend, Ph.D., P.E., University of Florida

10:15 Break

10:30 Regulatory Considerations for Bioreactors

Richard Tedder, Florida Department of Environmental Protection

11:15 Assessing the Feasibility of Bioreactor Operations: Part 1
Technical Regulations and Site Opportunities and Constraints

Timothy Townsend, Ph.D., P.E., University of Florida

12:00 Lunch (provided by Florida Center)

1:00 Assessing the Feasibility of Bioreactor Operations: Part 2
Economic Opportunities and Constraints

Debra Reinhart, Ph.D., P.E., University of Central Florida

3:00 Break

3:30- Instrumentation and Monitoring for Bioreactor Landfills

5:00 *Debra Reinhart, Ph.D., P.E., University of Central Florida
Timothy Townsend, Ph.D., P.E., University of Florida*

7:00- Dinner and Poster presentations (provided by Florida Center)

9:00

Friday, May 26

- 8:30** Sign in for CEUs, Tour overview
- 9:00** Board bus for trip to Polk County Landfill (about 30 minutes from the hotel)
- 11:30** Return to hotel
- 12:00** Lunch (provided by Florida Center)
- 1:30** Bioreactor Design and Operations Strategies: Part 1
Timothy Townsend, Ph.D., P.E., University of Florida
- 2:30** Break
- 3:00** Status of Aerobic Bioreactor Landfills in the U.S.
Debra Reinhart, Ph.D., P.E., University of Central Florida
- 3:30** Bioreactor Design and Operations Strategies: Part 2
Timothy Townsend, Ph.D., P.E., University of Florida
- 4:30** Closing and Wrap-up
Fletcher Herrald, Florida Department of Environmental Protection