

AERATED STATIC PILE COMPOSTING – APPLICATIONS AND ADVANCEMENTS

This course is intended for experienced composters (municipal, institutional and farm-based) who would like to expand beyond the basics of leaf and yard waste composting, to include residential, commercial and industrial food residuals, biosolids, livestock manure and mortalities, and other challenging by-products.

Participants will learn about: 1) the anatomy of an Aerated Static Pile; 2) different generic and proprietary aerated compost systems; and 3) how the basic composting parameters (C:N, bulk density and moisture content) play a critical role in designing an ASP System. This workshop will also cover such topics as selecting an appropriate blower and timer; pipes on grade vs. aeration trenches; biofilters for odor management; process monitoring and troubleshooting, and the benefits of converting from a turned windrow to an ASP system.

Many examples of aerated compost systems will be discussed, ranging in size from 2.5 to 25,000 cubic yards and for all varieties of organic by-products. This workshop includes group exercises, useful planning tools, and an open-discussion format to explore student's specific needs.

It is strongly recommended that participants have completed "USCC Foundations of Composting" or a similar basic compost operations course.

Start Time: 9:00 AM

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Max Attendees: 50

Member Price: \$195

Non-Member Price: \$245

***Instructor(s):** Peter Moon, PE, O₂Compost, Snohomish, WA. Peter has 32 years of experience as a consulting engineer, 22 years of which have been devoted to the composting industry. Having studied, tested and resolved nearly every mistake imaginable, he understands what works and more importantly what does not work. His hands-on experience has led to a*

career in training others the How-To's of aerated composting. His overall objective is to keep this process simple, systematic and affordable.