Products and Services

ECS

engineered COMPOST systems

The ECS Process

No compost facilities have the same requirements, characteristics, or feedstocks. That is why ECS is committed to providing each of our clients with a solution that is tailored to meet their economic, environmental and technological needs.

We begin by listening…and using a rigorous design approach we've developed over the past decade…combined with our unparalleled range of system and component offerings, we provide ECS clients with several appropriate Pro-Forma Options. Our clients are better able to make an informed decision on whether or not to proceed with a new potential project or facility upgrade; and which, among many process options, best suits their unique application and needs.

When a new project or facility upgrade proves feasible, ECS develops the detailed process design in concert with the client's other team members (engineers, environmental consultants, and contractors). ECS' typical project scope of work includes:

- Providing drawings and calculations for permitting support
- Providing the manufactured process components for facility construction
- Conducting facility start-up and acceptance testing
- Training facility staff to use ECS equipment and on the fundamentals of composting
- Providing product service, on-going technical support, and annual site inspections

ECS Solutions for Sustainability

AC Composter™ Covered and negative aeration ASP technology offers excellent AND cost-effective process control. The AC Composter™ can be used with In-slab or CompDog™ aeration floors, and in a variety of site configurations. Patents are issued and pending.

SV Composter™ Stationary in-vessel technology with concrete site-built vessels; reversing aeration; in-slab floor aeration (that collects condensate/leachate); and enclosed aeration hallway provides processing certainty for all climates and feedstocks. It offers the best capture and reduction of odors, VOC and GHG air emissions; and smallest footprint of all ECS systems.

CV Composter™ Containerized (modular) in-vessel technology with stainless steel vessels built onto roll-off system chassis; reversing aeration; condensate/leachate collection; and excellent capture and reduction of odors, VOC and GHG air emissions. It requires minimal infrastructure and the modular approach easily adds additional capacity for growth.

ECS Standard ASP Proven and reliable designs for both primary composting and curing. They are available with single and/or reversing aeration systems; various configurations (discrete piles, mass-bed, bunker-walls); and with in-slab or above-grade aeration floors.

CompDog™ Unique and affordable pipe-less & above-grade aeration floor that adapts easily to new facilities, and provides a logical upgrade path for existing windrow facilities looking to transition to ASP technology. Patents are issued and pending.

RF TeleProbe™ The compost industry's leading wireless compost temperature monitoring technology. The RF TeleProbe™ has been continuously in service since 1999; offers single or dual sensors; and is compatible with ECS aeration control and monitoring software, PLC systems, or data monitoring and recording only.

CompTroller™ ECS' automated aeration control and monitoring system is operating at all ECS compost installations. It is designed for regulatory compliance and provides operators with a broad range of process options.

- **Facility Design**
- **In-Vessel**
- **ASP**
- **Automated Controls**
- **Client Support**

(206) 634-2625 • Seattle, WA www.compostsystems.com