

CV Composter™

Biosolids Composting

CUSTOMER PROFILE

Okotoks Alberta, Wastewater Treatment Facility



CLIENT NEEDS

The City of Okotoks decided that producing a Class A Compost would be the best way of managing their biosolids. Their challenges included:

- Very cold winter weather;
- The ability to easily accommodate future growth and a possible change in location;
- Neighbors who had already voiced odor complaints concerning an adjacent composting operation.
- A very tight space for mixing and vessel loading.

THE SOLUTION

ECS was awarded the contract to supply Okotoks with a turn-key CV Composter™ in-vessel system. Working with a local contractor, ECS installed a nine vessel CV Composter™ at the town's treatment plant to compost about 3,500 tons of dewatered biosolids (bulking with ground wood waste) per year. The aeration and control systems are designed to allow for future expansion to 16 vessels. The system is integrated with the treatment facility's existing equipment for efficient operation and to reduce worker exposure to potentially pathogenic materials.

