

## Lafleche Source Separated Organics & Yard Trimmings

### Moose Creek, ONT - Canada

Lafleche's Compost Facility commenced phase I operations in 2009 using a competitor's agitated bay technology. After just two years operation, due to poor reliability, in 2011 **Lafleche replaced the competitor's agitator with a BDP agitator.** Lafleche was impressed enough with BDP's technology, that they sole sourced BDP for their 2013 phase II expansion adding another six bays. The current facility incorporates twelve 10 feet wide x 315 feet long bays served by three 100 HP BDP agitators to co-compost up to 400 metric WTPD of municipal Source Separated Organics (SSO) and ground yard trimmings. The facility is staffed by 11 full time employees and operates 6 days per week 10 hours per day. Average ambient temperatures at the facility range from negative 15F to the mid 80s F. A traditional wood chip type biofilter is used for odor control. The material undergoes 21 days of active composting in the bays. The product then undergoes a minimum of 2 months of curing in outdoor wind rows prior to final screening. Lafleche markets all of the finished compost directly primarily to commercial soil blenders and landscapers.



Incoming Organic Waste – Mostly Food Waste



Compost Facility

<b>Primary Compost Material</b>	@ 60,000 WTPY Source Separated Organics (SSO)
<b>Key Characteristics</b>	Predominantly post-consumer food scraps at 30% - 35% DS
<b>Secondary Compost Material</b>	@ 60,000 WTPY Yard Trimmings
<b>Key Characteristics</b>	From Municipal collection. Ground to <2"
<b>Facility Start Up</b>	Phase I – 2009 Phase II - 2013
<b>Total Facility Size</b>	@ 6 acres
<b>Facility Engineer</b>	Lafleche Environmental Inc
<b>Plant Contact</b>	Don MacDonell – Facility Manager
<b>BDP Contact</b>	Richard Nicoletti – Compost Systems Manager



Agitator Working in Bay