



## **IPI and Halton Recycling take on VCU composting technology**

### ***June 2004 - Toronto, Canada***

Leading Canadian recycling company, International Paper Industries Ltd (IPI), with its sister company Halton Recycling, has elected to install a new composting system from VCU Technology as part of an extensive refurbishment of the BTA Anaerobic Process Facility in the City of Newmarket, Ontario.

IPI has also recently signed a joint marketing partnership agreement with the New Zealand-based VCU Technology Ltd, securing the rights to jointly market the innovative in-vessel Vertical Composting Unit facilities in Canada.

When complete, Halton Recycling's composting facility will comprise a twenty-chamber VCU® system. The facility is being developed in two ten-chamber stages, with the first stage to be completed in August 2004 and the second stage by the end of October 2004.

Halton Recycling, owned and managed by Emmie Leung, has a contract with the Region of York and the City of Toronto to process curbside-collected, source-separated organic (SSO) household waste. This waste will be processed through the BTA technology portion of the facility, using an anaerobic methaniser process to produce electricity. The residual organic pulp is then put through the VCU and the resultant compost used to improve regional agricultural and horticultural land.

Ms Leung says Halton Recycling has secured these contracts, as well as others recently, further establishing the company's strong position in the Canadian organics recovery/composting industry and compost products market.

"We undertook extensive research before we elected to go forward with VCU Technology," says Ms Leung. "We needed to feel sure the VCU system could meet our requirements for this particular site and the fact we've signed a second ten-chamber deal before we've even got the first set of ten chambers installed says a lot about our positive relationship with VCU Technology."

Developed in New Zealand, the VCU composting system is based on natural composting processes, with organic matter such as food scraps and garden waste being chopped and fed into the top of the eight meter tall VCU chamber(s). Over 7-14 days the waste moves down through the chamber, reaching temperatures of greater than 70°C, which ensures all pathogens and weed seeds are killed before the compost product is removed from the base of the chamber. The vertical, largely enclosed VCU chamber is designed to ensure no odor and no leachate during the composting process, a fact which was important to Halton Recycling during their refurbishment of the former Canadian Composting Industries/BTA

site. The modular system design of the VCU means a chamber can work as a stand-alone unit or linked together into a multiple chamber system, as with the twenty-chamber Halton VCU.

Paul Brown, executive director and co-founder of VCU Technology says: “We are delighted to be working with a company of Halton Recycling’s caliber in the Canadian market. They have a significant market position and are known as an industry performer within Canada.

“Once complete, this twenty-chamber VCU will be the largest VCU facility in the world, and it’s also an important first step for us into the North American market. Once operational, the site will be used as a reference site for prospective clients to visit.

“Obviously climate conditions in Canada are quite different to New Zealand and Australia where our composting technology is well proven. With Halton Recycling’s assistance, we’ve undertaken an extensive development program to ensure that the VCU system performs well development program to ensure that the VCU system performs well in the harsher Canadian climate.”

For more information, please contact:

Emmie Leung  
CEO  
Halton Recycling / International Paper Industries Ltd  
Phone (office): +1 604 929 7377  
Email: [emmie.leung@ipi.ca](mailto:emmie.leung@ipi.ca)

Paul Brown  
Executive Director  
VCU Technology Ltd  
Phone (mobile): +64 29 579 0267  
Email: [paulbrown@vcutechnology.com](mailto:paulbrown@vcutechnology.com)

Details of the VCU composting process can be found at [www.vcutechnology.com](http://www.vcutechnology.com).

