



FACT SHEET

June 10, 2009

- Ostara Nutrient Recovery Technologies Inc., based in Vancouver, British Columbia, commercializes proprietary technologies that recover resources from wastewater and recycle them into valuable products.
- Incorporating an Ostara chemical reactor into a wastewater treatment system 1) recovers polluting nutrients, such as phosphorous and ammonia, from sewage sludge liquids that would otherwise be released into the environment, 2) helps the system reduce operating costs, and 3) provides municipalities and companies with revenue from the sale of the recovered pollutants that are recycled into an environmentally safe slow-release fertilizer called Crystal Green®.
- A municipality can choose two financial models to incorporate an Ostara reactor into its wastewater plant — a capital-based or a fee-based model. In both models, the municipality recovers its costs from a combination of revenue from the sale of Crystal Green®, increased plant capacity and reduced maintenance costs.
- The City of Edmonton was the first customer for Ostara's technology. Ostara operated a successful demonstration pilot plant in 2006 and commissioned a full-scale demonstration reactor at the Gold Bar wastewater plant in 2007.
- The first full-scale commercial Ostara nutrient recovery facility began operating in Spring 2009 near Portland, Oregon, at the Clean Water Services' Durham Advanced Wastewater Treatment Facility in Tigard, Oregon. Crystal Green® is currently being marketed through national and regional commercial fertilizer distributors. An Ostara pilot plant demonstrated the technology at Clean Water Services' Durham Facility in 2007.
- In addition to Edmonton and Portland (Tigard), Ostara pilots have demonstrated the technology for several potential customers, including San Francisco in 2008 and Suffolk, Virginia, in 2007.
- The 2005 United Nations Millennium Ecosystem Assessment declared the increasing accumulation and discharge of wastewater nutrients, such as phosphorus, a significant environmental challenge. Ostara's proprietary solution to this environmental challenge offers the Company access to a multi-billion dollar global market.
- Ostara's chemical reaction technology, named PEARL™ Nutrient Recycling Process, was developed at the University of British Columbia (UBC). The Company was founded in 2005 by Phillip Abrary, President and CEO, and Ted Jones, COO. Environmental advocate and lawyer Robert F. Kennedy Jr. joined Ostara's Board of Directors in February 2009. Shareholders of this private held company include UBC, VantagePoint Venture Partners, a leading international cleantech investor based in Silicon Valley, California, and Frog Capital, a London-based venture investor that focuses on environmental and clean technology.

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For more information, contact:

Debra Hadden
Public Relations
dhadden@ostara.com
P. 604 240 3196
www.ostara.com