



Hydromantis and Mohawk College implement a carbon footprint model to help reduce greenhouse gas emissions at wastewater treatment plants

Hamilton, ON, March 26, 2012 – Hydromantis Environmental Software Solutions, Inc. (Hydromantis) and Mohawk College (Mohawk) announced today the development of a Carbon Footprint Model for Wastewater Treatment to be made available for GPS-X™, the global wastewater industry's leading dynamic process simulator.

"This was an impressive partnership that allowed our students, Andrew Blackbourn and Zahraa Khalil, to work alongside Hydromantis's industry professionals" said Mark Yendt, a Professor with Mohawk's Faculty of Engineering and himself an early developer of wastewater software. "The company benefits from the high calibre training our students receive and, in turn, our students gain valuable real-world experience."

The project, funded through a FedDev Ontario program, included: a review and summary of proposed and existing carbon methodologies for wastewater treatment plants; the formulation of a consistent framework applicable to both wastewater treatment and bio-solids handling; and, an implementation of a carbon estimation technology methodology for GPS-X™.

"Extending the dynamic modelling capability of GPS-X™ with carbon emissions models offers wastewater professionals an advanced tool to evaluate optimum plant configurations or operational strategies to reduce greenhouse gas emissions and generate offsets" said Rajeev Goel, Hydromantis VP of Technology.

About Mohawk

Mohawk College is fully community college funded by the Ministry of Training, Colleges and Universities and is a member of the Association of Community Colleges of Canada (ACCC).

Mohawk College's diverse program offerings are offered at the diploma and collaborative degree, apprenticeship and continuing education level allowing students to optimize their education. Cooperative education programs give students real-world experience, preparing them for successful careers in their field.

About Hydromantis

Hydromantis Environmental Software Solutions, Inc., traces its roots back over 25 years as the global pioneer in the development of water and wastewater simulation technology. Based in Hamilton, Ontario, Canada, Hydromantis offers expert modelling services for treatment plant design and optimization and is the developer and owner of the industry's most advanced dynamic process simulation software including: GPS-X™, SimuWorks™, Toxchem™, CapdetWorks™ and WatPro™.

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