



**HYDROMANTIS' NEW RELEASE OF GPS-X™ VERSION 6.5, INCLUDES MEMBRANE AERATED BIOREACTOR MODEL, BLOWER & AIR DELIVERY MODEL, ENHANCED ENERGY & COSTING MODEL, HYDROCYCLONE MODEL FOR ANAMMOX GRANULES AND ENHANCED DISINFECTION AND AOP MODELS FOR WATER REUSE**

(Hamilton, ON Canada) – January 29<sup>th</sup>, 2016 - [Hydromantis Environmental Software Solutions, Inc.](http://www.hydromantis.com), (Hydromantis), the leading global provider of water and wastewater simulation software and professional modelling services, announced today the latest release of their flagship product GPS-X™, Version 6.5.

“Hydromantis continues to extend its GPS-X™ platform to include coverage of emerging innovative technologies and enhanced functionality, resulting in users having the ability to set up simulation models, seamlessly and efficiently,” said Dr. Spencer Snowling, VP of Product Development at Hydromantis. “The New Membrane Aerated Biofilter object allows for both the oxygen transfer and biofilm growth features of MABR systems to be extensively modeled – and GPS-X™ stands alone in its ability to deliver such capabilities. Our new Hydrocyclone model allows for the preferential separation of heavier biomass such as Anammox granules,” he added.

The new release includes a new “Process Control” object group, which enhances the ease of use of control objects in simulation models. Water reuse applications and tertiary treatment modeling is enhanced through the inclusion of an Advanced Oxidation object that simulates the dosage of oxidants for removal of soluble COD. An updated chlorination model allows modellers to predict disinfection performance as well as the formation of several chlorination by-products. The release also features a new Process Optimizer setup that enhances users’ ability to find the best set of conditions for optimizing process objectives such as minimizing Total Nitrogen or reducing energy footprint. The operating cost feature of GPS-X™ has been enhanced with a one-click operating cost summary complete with diagrams and charts. GPS-X™ 6.5 also features improved pump energy model using pump curves and a new blower pressure and head loss model for the aeration piping system.

“Our commitment to annual development and calibration of existing unit process models keeps GPS-X™ at the forefront of wastewater simulator technology and the preferred choice of Global Wastewater Professionals. Our world-class support team continues to provide assistance on demand to our ever-growing community of users,” said Dr. Rajeev Goel, President and CEO at Hydromantis.

GPS-X™, introduced in 1992, was the first commercially available wastewater simulation technology and continues to be the industry’s tool of choice for the mathematical modeling, simulation and optimization of wastewater treatment plants.

**About Hydromantis**

[Hydromantis Environmental Software Solutions, Inc.](http://www.hydromantis.com) traces its roots back over 30 years as the global pioneer in the development of water and wastewater simulation technology. Based in Hamilton, Ontario, Canada, and the United States, Hydromantis offers expert professional services for treatment plant modelling, design and optimization and is the developer and owner of the industry’s most advanced modelling and simulation software solutions including: GPS-X™, SimuWorks™, Toxchem™, CapdetWorks™ and WatPro™.

For more information please contact:

Robert P Beres, Executive VP – Sales & Marketing [beres@hydromantis.com](mailto:beres@hydromantis.com)  
Malcolm Fabiyi – President, Hydromantis USA [fabiyi@hydromantis.com](mailto:fabiyi@hydromantis.com)