



## Media Release

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### **Lystek Thermal Hydrolysis Process for Biosolids Management Continues to Gain Regulatory Recognition in U.S.**

***Attention: Environmental, agricultural, municipal, recycling & waste management reporters/editors***

November 29, 2016 – Cambridge ON – For Immediate Release | Lystek's Thermal Hydrolysis Process (Lystek THP) for the sustainable management of biosolids and organics continues to be recognized by regulatory bodies across the U.S.

In October of this year, the company received a letter from Organics Reduction and Recycling lead, Sally Rowland (Ph.D., P.E.) with the Division of Materials Management, Bureau of Waste Reduction & Recycling, New York State Department of Environmental Conservation stating that, based on information provided, the process is able to achieve Class A PR and VAR required by NYSDEC under 6 NYCRR Part 360- 5.

This is in addition to the letter of acknowledgment issued by Region 9 (California) of the US Environmental Protection Agency (EPA) in February of 2014 confirming that the LysteGro product, produced by Lystek THP, meets or exceeds the requirements for Class A EQ (Exceptional Quality) biosolids. As such, it may be distributed without restriction. In August of this year, the California Department of Food & Agriculture (CDFA) issued a Fertilizing Materials License for LysteGro, now being produced at the company's new, state-of-the-art, 150,000 tons (per annum) Organic Material Recovery Center (OMRC), located at the Fairfield-Suisun Sewer District, in Fairfield, California.

"These recognitions show that, when treated using advanced science, biosolids do not have to be viewed as "waste". Demand for LysteGro is expanding rapidly. This trend is expected to continue far into the future as prices for commercial fertilizers continue to rise," says Mike Dougherty, Director of Product Management for Lystek.

"There is also a high level of interest in our ability to reduce volumes, increase biogas outputs and produce safer, more cost effective, alternative sources of carbon for BNR systems. As global populations continue to rise and the resources required to produce commercial fertilizers are depleted, demand for innovative technology and organically-based products, like LysteGro, will escalate," adds Dr. Ajay Singh, co-founder and Technical Director for Lystek.

Pressure to increase diversion of valuable, organic resources from landfills is mounting; as is the demand for alternative sources of energy. These materials can be converted into "green" energy and utilized to power wastewater treatment plants, reducing operational costs and greenhouse gases and transforming these facilities into Wastewater Resource Recovery Centers (WRRC's). Lystek is uniquely positioned to play a significant role in this movement. Its growing collection of cost-effective solutions are capable of helping generators divert hundreds of thousands of tons of biosolids and organics from landfills annually, converting them into value-added products and services.

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Lystek International Inc. is a leading provider of Thermal Hydrolysis solutions for the sustainable management of biosolids and organics. The multi-use, award-winning Lystek system reduces costs, volumes and GHG's by converting municipal and industrial wastewater treatment facilities into resource recovery centers. This is achieved by transforming organic waste streams into value-added products and services, such as the patented LysteMize® process for optimizing digester performance, reducing volumes and increasing biogas production; LysteGro®, a high-value, nutrient-rich biofertilizer and LysteCarb®, an alternative source of carbon for BNR systems.

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