

FOR IMMEDIATE RELEASE

**Kantharos Process Water Systems announces new technology helps wineries significantly reduce water consumption and energy usage.**

NAPA, California (January 21, 2010) – Engineered for the environment, Kantharos Process Water Systems ([www.kantharoswater.com](http://www.kantharoswater.com)) continually clean and reuse process water, dramatically reducing the amount of wastewater generated and potentially eliminating the need for large wastewater ponds and packaged wastewater systems in wineries.

Developed through a joint venture by civil engineering firm Riechers Spence and Associates and potable and wastewater treatment professional Heritage Systems. Inc., Kantharos Process Water Systems uses state-of-the-art filtering technologies patented and manufactured by New Logic Research, Inc. that have proven effective in other industries, such as chemical, agricultural, food and oil processing. Details about the new technology will be revealed at the 2010 Unified Wine & Grape Symposium on January 26 in Sacramento. The system will also be on exhibit at Booth 20 at the accompanying trade show.

“After years of providing the monitoring, operating and compliance services for potable and wastewater treatment systems, we assembled a talented team with a charter to dramatically reduce the amount of wastewater generated by current process wash methods. Reconditioning and reusing the process water within the winery is a sustainable practice that will conserve potable water resources for current and future generations.” said Michael Long, CEO of Heritage Systems.

Traditional wastewater methods have not changed significantly in the past 50 years. Fresh water is used once to clean barrels, tanks, equipment, bottling lines and as push water, then diverted to ponds or packaged treatment plants for storage and processing to remove solids and organics. Although the wastewater discharged from these treatment processes is intended for vineyard irrigation use, the processes themselves consume large amounts of electricity, generate thousands of pounds of carbon into the environment, lose significant volumes of water through evaporation, and take up valuable agricultural land.

“Our team realized that through the use of vibratory membrane technologies, we could drastically reduce the volume of fresh water needed for process washing. By using innovative engineering and environmental practices we were able to design a fully-integrated approach to water management and conservation,” said Hugh Linn, President of Riechers Spence and Associates.

Jackson Family Wines conducted an intensive 12-month pilot project at their Kendall Jackson facility in Oakville, California. This proof of concept study, third-party verified and validated by the University of California at Davis, proved the commercial validity of the system. “Jackson Family Wines is invested in environmental stewardship and committed to being on the forefront of new environmental technologies and sustainable practices. This is the first time that the wine industry has seen a water filtration system that is so efficient and cost effective,” said Jess Jackson, founder and proprietor of Jackson Family Wines.

The winery is in the process of implementing the first full-scale commercial operation of the Kantharos Process Water Systems at the Kendall Jackson facility in Santa Rosa, California, and expects to be fully operational by June 2010. Robert Boller, Vice President of Sustainability at Jackson Family Wines will discuss the results of the Kendall Jackson pilot during the Water Management session at the 2010 Unified Wine & Grape Symposium.

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*Note: Kantharos is a style of Greek pottery used for drinking water or wine: the mythical Greek god Dionysus possessed a Kantharos that never ran empty.*

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