



STW Resources to deploy fleet of Aquatech mobile evaporator (MoVap™) units for reclamation of water

Unique Aquatech MoVap™ units to enable well-head reclamation of water related to oil & gas production

MIDLAND, TX, December 8, 2010 –STW Resources Holding Corp. (“STW Resources”) (OTC BB: STWS), a water reclamation services company, has signed an agreement with Aquatech International of Canonsburg, PA, a global leader in water purification technology. Under terms of the agreement, STW will purchase and/or lease a fleet of mobile units for the treatment and reclamation of hydraulic fracture flow-back and produced waters from oil and gas production.

Stanley Weiner, CEO of STW Resources commented, “Our agreement with Aquatech is part of STW’s roadmap to provide water reclamation to producers in the Marcellus Shale region. Working closely with manufacturers enhances our customer’s experience and closes contracts more quickly. Mobile water reclamation units utilizing a proven water evaporation technology can potentially save oil and gas production companies up to 50% of the cost of handling contaminated water and returning processed water to the oil & gas operator for reuse, while also providing environmental benefits.”

Aquatech’s mobile technology line includes products such as MoTreat™, a suspended solids separation, filtration, and disinfection unit, and MoVap™, an evaporator / distiller. These products address challenges that oil and gas companies face regarding the handling of waste water by processing the water on-site, thus eliminating the need to truck the waste water to disposal sites. The mobile units can be rapidly moved from site to site to meet changes in demand. On-site processing is environmentally friendly and reduces expenses associated with the transportation and remote processing or disposal.

STW Resources is committed to deploying state-of-the-art technology for its oil and gas customers, as evidenced by this agreement with Aquatech for the first-ever mobile unit for cleaning and reclaiming oil & gas waste waters.

Under the terms of the agreement, STW has identified the economics and has the right to purchase or lease the Aquatech mobile water treatment and evaporation units. STW will begin deploying these units in the Marcellus Shale gas region of Pennsylvania.

Devesh Mittal, VP of Industrial Solutions at Aquatech commented “The combined oil and gas industry experience of STW and Aquatech will provide customers with cost effective and reliable solutions at drilling sites. Aquatech mobile units are complemented by our modular units including crystallization at central treatment facilities to achieve zero liquid discharge, thus offering a complete solution to the oil and gas customer that is environmentally friendly and economically viable”

About Aquatech

Headquartered in Canonsburg, PA, Aquatech (www.aquatech.com) is a global leader in water purification technology for the industrial and infrastructure markets with a focus on

desalination, water reuse, crystallization and zero liquid discharge. As a leader in produced water treatment, Aquatech has over 1,000,000 barrels per day existing produced water treatment capacity with EPC, O&M, and onsite services capabilities to suit logistics of project sites throughout the world.

About STW Resources

STW Resources, Inc., Midland, Texas, provides customized water reclamation services. STW's core expertise is an understanding of water chemistry and its application to the analysis and remediation of complex water reclamation projects. STW provides a complete solution throughout all phases of a water reclamation project, including analysis, design, evaluation, implementation and operations. For more information, go to: www.stwresources.com .

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