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Green Pumping Equates to Green Savings with Smith and Loveless Pump Stations

LENEXA, Kan. – A recent wire to water efficiency comparison of Smith & Loveless (S&L) pump stations versus leading submersible and self-priming pumps prove that S&L Pumps save significantly on power demands and associated CO₂ output emissions, thus preserving precious fuels and the environment.

The study measured efficiency, horsepower draw and metric tons of CO₂ emitted per year based on typical operating conditions for four-inch pumps. The results show the importance of pump efficiency differentials in terms of annual power use and resulting impact on the environment. A 10 percent more efficient S&L pump in wire to water efficiency yields a difference in less horsepower drawn by several HP, which results in several metric tons of CO₂ emitted annually. This reduced energy demand can save more than \$1,000 annually in power costs on one pump station alone. Retrofitting or installing more energy efficient S&L Pumps may be a strong qualifier for municipalities seeking funds from the American Recovery & Reinvestment Act of 2009 (ARRA) for green projects.

S&L pump stations are also proven to require less maintenance, labor and parts, which significantly reduces energy resources required over time. S&L pumps typically last five to seven times longer than submersibles, which can help eliminate the industry's practice of disposing of old pumps into landfills. For more information on S&L pumping stations, visit www.smithandloveless.com.

Founded in 1946, Smith & Loveless Inc. is a global leader in the water and wastewater industry, offering a complete line of equipment and boasting installations in more than 70 nations around the world.