

**FOR IMMEDIATE RELEASE**

**SYLVAN SOURCE M-600 SURPASSES CONTAMINANT REDUCTION  
EXPECTATIONS**

*NSF test results validate technology performance for reduction of volatile gases and liquids*

**SAN CARLOS, CA. July 7, 2009** – Sylvan Source, the provider of breakthrough ultra-clean water systems, today announced that the Sylvan Source M-600 continued to prove its superior contaminant reduction capability. Through the most recent series of custom tests performed by NSF International the M-600 exceeded expectations for the removal of volatile gases and liquids. The impressive reduction percentages for the various contaminants tested ranged from 96.0% to 99.9%, with almost all resulting contaminant levels in the final product water measuring below detection levels.

“We continue our commitment to provide ultra-clean water to our customers through advanced third party testing and analysis”, said Laura Demmons, chief executive officer of Sylvan Source. “We are very pleased with the latest test results from NSF International which validates the superior contaminant reduction capabilities of the M-600 technology, and in particular, these tests highlight the Sylvan Source patent-pending degassing process for reducing volatile gases and liquids.”

The M-600 is one of only two home drinking water treatment systems to achieve NSF/ANSI Standard 62 certification. However, Standard 62 testing is specific to the distillation function for contaminant reduction. Sylvan Source wanted to test the degasser function with external, third-party, accredited laboratories.

SRI International, an independent, nonprofit research institute conducting client-sponsored research and development, in conjunction with Sylvan Source, validated a methodology for selecting and testing contaminant proxies that represent hundreds of volatile compounds (organic contaminants) in water including PCB, dioxin, hydrocarbons (such as oil and gas) and a variety of solvents. Using Henry’s Law and water solubility as parameters, SRI evaluated and selected 5 contaminants proxies:

Carbon Tetrachloride (CCl<sub>4</sub>), Chlorobenzene (CB), Bromo-Dichloromethane (BDM), trichloroethylene (TCE) and isopropyl alcohol (IPA). The contaminant reduction capabilities of the M-600 degasser were tested using these proxies by NSF International. The results were impressive – in most cases after testing, there were no detectable traces of the contaminants, with over 99% reduction. For IPA and BDM, reduction percentages were between 96% and 98.2%.

“The SRI report constitutes the most thorough evaluation of thousands of contaminant chemicals and their behavior during distillation”, said Dr. Eugene Thiers, chief technology officer for Sylvan Source. “The scientific basis established by SRI in its investigation is the reason NSF International agreed with the recommended methodology and the selected list of chemical proxies.”

The Sylvan Source M-600 provides the most effective combination of contaminant reduction and processing efficiency available on the market. Built on next-generation, patented and patent-pending technology, it consistently reduces more contaminants more effectively than traditional filtering, reverse osmosis, or distillation technologies. By integrating degassing, distillation, and demisting functions, the M-600 eliminates the need for frequent cleaning, chemicals, filters, or membranes. It is also highly efficient, requiring only one-and-one-half gallons of input water to produce one gallon of treated water, compared to reverse osmosis’ requirement of five to ten gallons of input water for one gallon of treated water. Pre-treatment is required to handle hardness in water.

### **About Sylvan Source**

Sylvan Source delivers technically advanced ultra-clean water systems designed for residential and industrial use. Sylvan Source reduces a broader spectrum of contaminants, at higher concentrations, more effectively and consistently than other technologies. Sylvan Source industrial technology delivers the lowest production costs for clean water and can utilize waste heat and renewable energy sources. Founded in 2003, the company is headquartered in San Carlos, California and is privately held. For more information, please visit [www.sylvansource.com](http://www.sylvansource.com)

Company Contact:  
Lorene Salcido  
Sylvan Source  
650.594.1420 x107  
[lsalcido@sylvansource.com](mailto:lsalcido@sylvansource.com)

---

###