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### **Approved arsenic removal technology introduced by Massachusetts Company**

NORTHBOROUGH, MA —August 23 2004— SolmeteX, Inc. has commercialized a new breakthrough nanotechnology for the removal of arsenic from drinking water. Known as AsX<sup>np</sup> the new technology has demonstrated its capacity and effectiveness in extensive field trials conducted in the southwest United States.

Largely the result of minerals dissolving from weathered rocks and soils, arsenic is widely distributed throughout the crust of the earth. Absolutely tasteless and odorless, arsenic is highly toxic and carcinogenic. Long-term exposure to arsenic via drinking-water has been proven to cause cancer of the skin, lungs, urinary tract, bladder, and kidney.

In the US, there are over 4,000 municipalities that have drinking water with higher levels of arsenic than the current maximum contaminant limit (MCL) of 10 micrograms per liter. Additionally, there are 14 million American homes with private wells that exceed the current maximum contaminant level.

According to SolmeteX CEO, Owen Boyd, AsX<sup>np</sup> has shown tremendous capacity, combining all of the well-known benefits of Ion Exchange media with the scientifically proven performance features of granular iron media. “The main advantages of AsX<sup>np</sup> are the fact that it’s highly selective for arsenic which translates to long operational life, and that it is very simple to use,” states Boyd. AsX<sup>np</sup> is NSF-61 approved for use in drinking water.

SolmeteX has teamed with Purolite to distribute and manufacture the product. Based in Bala Cynwyd, Pennsylvania, Purolite is the 2<sup>nd</sup> largest producer of Ion Exchange media in the world.

SolmeteX is a Massachusetts-based, privately owned company. Their core business is the development and manufacture of specialized technologies for the safe and economical removal of metal and metal complexes from water. In business since 1994, SolmeteX holds numerous patents, and has been the recipient of several awards for their efforts in helping companies worldwide reduce contamination.

Besides arsenic removal from drinking water, SolmeteX technologies are also used for removal of arsenic from semiconductor waste. SolmeteX has long been a leading developer of mercury removal technology from dental waste, medical waste, medical waste incinerators, clinical analyzer waste, ground water, and laboratory waste.

SolmeteX can be found online at [www.solmetex.com](http://www.solmetex.com).