

EPA Accepts IsoluxTM Technologies for National Arsenic Treatment Demonstration Project

Flemington, NJ. – January 13, 2005 – IsoluxTM Technologies, a division of **Magnesium Elektron, Inc. (MEI)** a leading supplier of technically advanced materials and treatment systems for the removal of arsenic and other heavy metals from water, and the United States Environmental Protection Agency (EPA) have announced that ISOLUXTM Technologies has been awarded a full-scale demonstration site for its arsenic removal technology for municipal drinking water systems. The location for full-scale system installation is Tehachapi, CA at the Golden Hills Community Services District

The new federal drinking water standard for arsenic of 10 parts per billion (ppb) becomes effective in January, 2006. In an effort to provide for the development of more cost-effective technologies as well as technical assistance to small systems the EPA has initiated several programs including the National Arsenic Treatment Demonstration Project. The demonstration program will validate the effectiveness, efficiency, simplicity and cost-effectiveness of the IsoluxTM Technology for application in small community water systems.

“With the January, '06 compliance date nearly a year away, small water systems across the country are beginning to wrestle with the issues of arsenic treatment.” Said Jim Knoll, Business Manager for IsoluxTM Technologies. “The EPA’s program will provide valuable treatment information to aid in their decision making process. IsoluxTM Technologies welcomes the opportunity to be included in such a program.”

IsoluxTM Technologies has combined the performance advantages of its’ patented IsoluxTM adsorbent media with the novel, patent-pending cartridge delivery system that addresses the specific needs of small to medium sized drinking water systems. The robust IsoluxTM Media maintains the advantages of not requiring backwash, very fast uptake of arsenic (in seconds) and strong adherence to arsenic. Years of independent verification, field testing, and commercial operation confirms these benefits and provides a high degree of confidence in the effectiveness and efficiency of the Isolux treatment system.

About IsoluxTM Technologies

IsoluxTM Technologies, a division of Magnesium Elektron, Inc. (MEI) based in Flemington, NJ, has been an industry leader for over 60 years. MEI is a member of the Luxfer Group, a global enterprise of researchers and manufacturers of advanced materials. Together they have assembled over 100 world-class scientists, technicians, chemists and chemical engineers, representing the largest, most experienced developer of zirconium-based chemicals worldwide. MEI performs research, development and manufacturing of zirconium based products with unique applications benefiting more than 50 industries including drinking water, industrial water, specialty ceramics and industrial catalyst. Specialists in inorganic surface and separation chemistry, the technical professionals at MEI are responsible for multiple patents on zirconium chemistry formulation and product application currently deployed by industry internationally.