

**ET 010**  
**Tailoring an Arsenic-Selective Sorbent to Meet Industrial Needs**

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**Abstract**

One of the major research thrusts in our group during the last few years has focused on the development of an arsenic-selective sorbent to treat contaminated groundwater. During the course of our investigation, several private industries have expressed interest in our developed products for the selective removal of arsenic. However, their requirements are often very specific and demand independent investigations. In order to improve the marketability of the product, we need to further modify the material for enhanced performance. Partnering organizations in this project include VEETech, P.C. (Aiken, SC), Southern Co. Services (Birmingham, AL), US Filter (Pittsburgh, PA), the US Environmental Protection Agency, and the National Science Foundation.