

Aquifer Solutions, Inc. Receives Environmental Business Journal Award for Design-Build Bio Barrier Project Treating High Explosives in Groundwater



April 21, 2009. Design-build environmental services provider Aquifer Solutions, Inc. (www.aquifersolutions.com) based in Evergreen, Colorado, announced that last month it was awarded the 2008 Project Merit Award in the remediation and restoration category by Environmental Business Journal (EBJ) (<http://www.environmentalbusinessjournal.com/>). According to EBJ Aquifer Solutions was selected for the award "for completing a design/build project involving the construction of a 2,000-foot-long bioremediation reactive barrier for treating high explosives and chromium in groundwater. This project was conducted at DOE's Pantex Plant in Texas, where the barrier treats perched groundwater overlying the Ogallala Aquifer, a vital and increasingly depleted source of water for Texas and the Great Plains. According to Aquifer Solutions, in situ bioremediation of high explosives is a newly developed innovative technology, and this large-scale project and its preceding pilot



advanced the industry's understanding of the alternatives. The "bio barrier" involved the injection of 0.9 million gallons of amendment into 42 injection wells screened at a depth of 275 feet below ground surface. The project involved two and one half miles of drilling, the construction of two miles of buried pipeline, and the construction and operation of a fully automated, computer-controlled mixing and injection system. The project was completed on schedule, and 30,000 hours of work were conducted with a 100% safety record."

DOE entered into an accelerated cleanup agreement with the state of Texas, and completion of the reactive barrier was a significant milestone for the Pantex Plant. The barrier project was completed on schedule and within budget. The reactive barrier uses bioremediation technology, where indigenous soil microbes are stimulated using a carbon-based amendment. The indigenous soil microbes create anaerobic conditions and biodegrade the target contaminants. In addition to the successful bio barrier project, Aquifer Solutions has been an industry leader in developing and applying a broad suite of in-situ remediation solutions for high explosives, including in-situ chemical oxidation and in-situ chemical reduction.

Aquifer Solutions is an international leader in environmental restoration, with a growing construction business. The company has offices in Colorado and California and has worked in 16 states in the U.S. as well as Canada, Mexico, and Australia. Aquifer Solutions clients include private firms, government, law firms, and consultant partners. The company was also recently selected by Inc.com as the 30th fastest growing environmental services firm in the U.S.

Media Contact:
Sharon Schutz
Tel 303-679-3143 x15
info@aquifersolutions.com