

TechBriefs

Savannah River National Laboratory

Technology transfer

The Savannah River National Laboratory (SRNL) is the U.S. Department of Energy's (DOE) applied research and development laboratory at the Savannah River Site (SRS).

With its wide spectrum and expertise in areas such as homeland security, hydrogen technology, materials, sensors, and environmental science, SRNL's cutting edge technology delivers high dividends to its customers.

The management and operating contractor for SRNL is Battelle Savannah River Alliance, LLC. BSRA is responsible for transferring its technologies to the private sector so that these technologies may have the collateral benefit of enhancing U.S. economic competitiveness.

Advantages

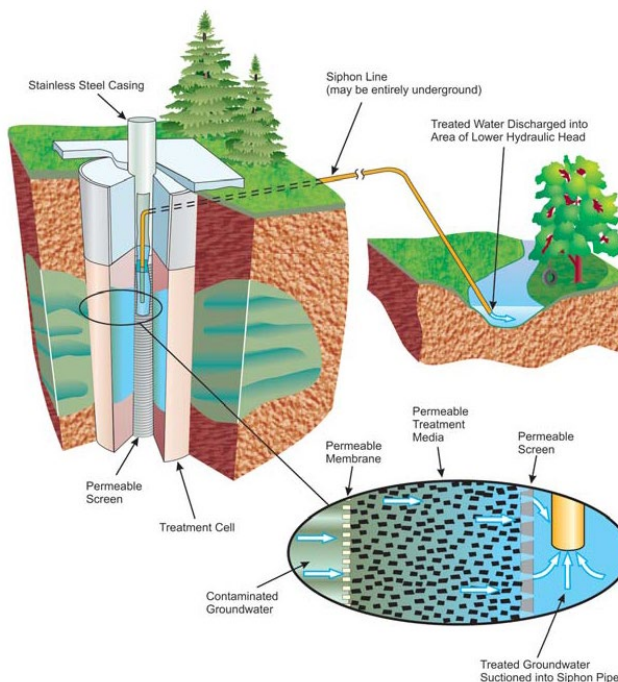
The GeoSiphon™ cell for the remediation of contaminated groundwater is an innovative and unique alternative to current technologies (pump and treat, funnel and gate, continuous permeable wall). The GeoSiphon™ cell minimizes the operating and maintenance cost associated with pump and treat systems, and at the same time minimizes the time required for remediation associated with funnel and gate or continuous permeable wall treatment systems.

Partnering opportunities

The U.S. Patent and Trademark Office has issued Patent No. 6,808,148 on this invention. Canada has also issued Patent No. 2,526,020.

SRNL invites interested companies with proven capabilities in this area of expertise to enter into a licensing agreement with SRNL to market this nuclear material detection system. Interested companies will be requested to submit a business plan setting forth company qualifications, strategies, activities, and milestones for commercializing this invention.

Qualifications should include past experience at bringing similar products to market, reasonable schedule for product launch, sufficient manufacturing capacity, established distribution networks, and evidence of sufficient financial resources for product development and launch.



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