

Remediation Solutions

EcoTreat™ In Situ Injection Media

EcoTreat media stops pollutants in their tracks

ABS Materials, Inc. has engineered EcoTreat Media to destroy persistent organic pollutants in soil. EcoTreat media combines an advanced absorbent with a powerful remediation agent to provide highly effective treatment.

Infused with zero valent iron (ZVI), each grain of EcoTreat media acts as a processing center for the chemical reduction of environmental contaminants such as PCE, TCE, and PCBs. Contaminants captured by the media are forced into contact with the ZVI embedded within its matrix. ZVI breaks down the organic pollutants to salts and harmless by-products.

By encapsulating the ZVI, EcoTreat media's matrix protects it from oxidation, while improving its contact with contaminants. The result is highly effective and long-lasting treatment. EcoTreat media will remain active for years, continuing treatment over time as contaminants gradually leach from the soil.



Create a Barrier

EcoTreat media can be injected to create a barrier, stopping contaminant plumes in their tracks.

Destroy Contaminants

EcoTreat media remains active for years, capturing PCE, TCE, DCE, vinyl chloride, and PCBs as they diffuse out of soil.

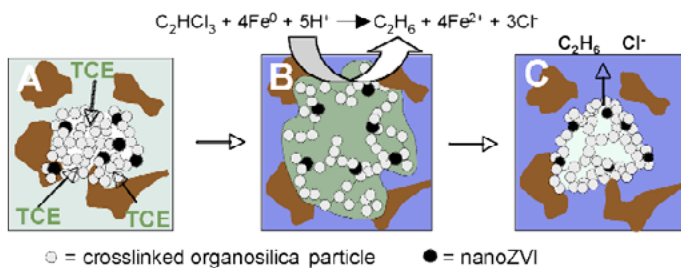
The reaction is complete, leaving behind no daughter products.

Protect biology

EcoTreat media is inert, nontoxic, and will not harm wildlife or soil biology.

EcoTreat media has a high affinity for DCE and vinyl chloride and will not release them until they are fully reduced.

EcoTreat™ media chemistry



www.absmaterials.com
info@absmaterials.com
 330.234.7999