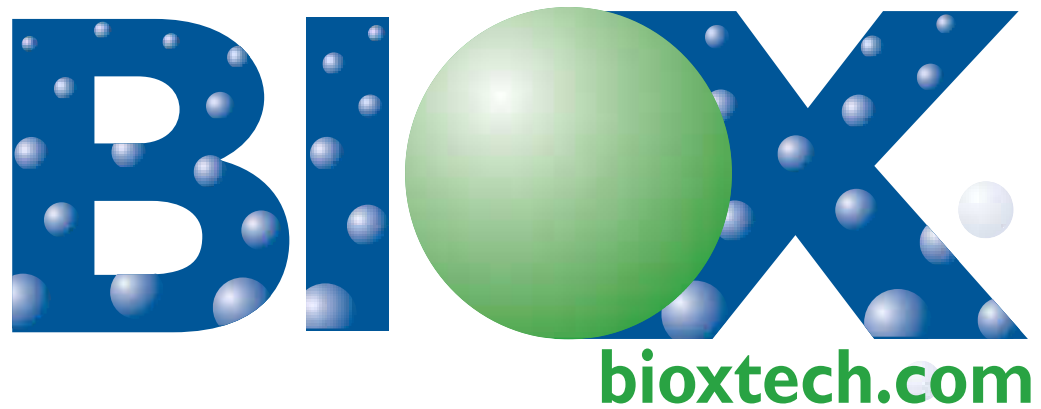


*Controlled In-Situ Chemical Oxidation
In-Situ Bioremediation
Ex-Situ Remediation*



BIOX
destroys organic
contaminants
quickly, safely &
cost-effectively.

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(888) 477-0550

P R O C E S S S

What is the BIOX Process?

The BIOX Process is an innovative in-situ remedial technology that destroys a wide variety of organic contaminants at neutral pH and ambient groundwater temperatures. The three-step process includes: Precise injection, rapid chemical oxidation and subsequent enhanced biodegradation. The BIOX Process is the first remedial technology to successfully combine rapid chemical oxidation with enhanced biodegradation.



BIOX Technologies have proven to be effective in remediating a wide variety of organic contaminants in both saturated and unsaturated media. They have also proven to be effective in treating both high contaminant concentrations through chemical oxidation and low concentrations through enhanced biodegradation.



Utilizing our patented soft advance injection system, the BIOX Process can be safely and effectively utilized to treat source areas such as tank pits, product line trenches and utility corridors. BMS also utilizes direct push technology to treat deeper contaminants. Using these techniques, low volumes of remedial fluids can be delivered into the subsurface through a large number of injection points thereby maximizing contact with the contaminants. The BIOX Process effectively locates high contaminant concentrations and destroys them.

In-Situ Bioremediation

Ex-Situ Remediation

B E N E F I T S

Benefits of Using the BIOX Process

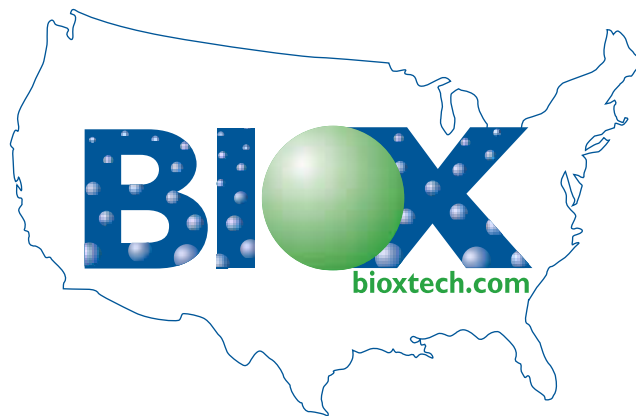
- Quick, safe and cost-effective
- Unites abiotic chemical oxidation with enhanced biodegradation
- Effective in treating both saturated and unsaturated media
- Suitable for treating tank pits, utility corridors or under buildings
- Rapidly destroys a wide variety of organic contaminants
- Safely oxidizes contaminants at near neutral pH and ambient groundwater temperatures
- Does not produce vinyl chloride when remediating chlorinated compounds
- Effective at high contaminant concentration sites
- Locates “hot spots” – finds contaminants and destroys them
- Promotes accelerated biodegradation
- Very effective for low permeability (clay) sites
- Oxidizes mixed plumes (chlorinated compounds and hydrocarbons)
- Destroys recalcitrant biorefractory organics
- Helps delineate contaminant plumes
- Available nationwide

S E R V I C E S

BMS, Inc Provides Quality Remedial Services to Environmental Consultants Nationwide

Bench Scale Testing
Remedial Design Services
Source Reduction/RBCA Projects
Brownfield Sites

Pilot Test Projects
Regulatory Support
Full Scale Remediation Projects



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*Providing
effective
technologies
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services to
environmental
consultants
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