

CBA is an internationally recognized leader in soil treatment procedures and techniques by utilization of the patented Mobile Injection Treatment Unit (MITU) technology. Since 1994, CBA has successfully completed over 40 soil remediation projects ranging from ex-situ remediation of UST release sites to in-situ remediation of SUPERFUND sites. CBA's expertise has mainly been with thermal desorption of volatile organic compounds (VOCs), chemical stabilization of heavy metals, and treatment, stabilization and drying of sludges; however, new techniques to handle special problems are continually being explored and developed.

Currently, several different models of the MITU are in operation; each model provides a different treatment depth and production rate. The MITU units are very flexible in terms of performing soil treatment; various modifications and accessories can be added or eliminated to accommodate treatment goals and site constraints. The units primary functions are to conduct single or multiple subsurface or surface injections of chemical reagents and/or hot air; soil mixing operations, off-gas emissions collection and treatment. The MITU utilizes a vacuum system to capture off-gasses beneath a vapor collection hood. The gasses can be conveyed for treatment by various methods, such as activated carbon or thermal oxidation.

[Model MITU-12 Specifications](#)

[Model MITU-LVR Specifications](#)

Some of the contaminants that have been successfully treated utilizing the MITU technology include, but are not limited to the following:

ORGANIC

BTEX
Gasoline
Mineral Spirits
Diesel Fuel
No. 2 Fuel Oil
Chloroaromatics
Tetrachloroethylene (PCE)
Trichloroethylene (TCE)
Dichloroethylene (DCE)
Vinyl Chloride
Alcohols
MTBE
PAHs

INORGANIC

Chromium
Lead
Cadmium
Arsenic
Zinc
Mercury