

2.0 OVERVIEW OF TECHNOLOGIES

CBA's staff members have extensive experience with environmental construction and remediation projects ranging from groundwater treatment/control to hazardous waste removal. Services that are available from CBA include:

- I. Soil Treatment
 - A. MITU technology
 - A. Thermal treatment
 - B. Chemical oxidation
 - C. Natural oxidation
 - D. Stabilization
 - E. Enhanced Bioremediation
 - G. Special equipment

- II. Groundwater Treatment and Control
 - A. Mobile groundwater treatment system
 - B. STI Technology

- III. Training
 - A. "HAZWOPER" training
 - B. Table-top simulator training
 - C. OSHA subpart courses

- IV. Storage Tank Management
 - A. UST/AST removals
 - B. UST/AST installations

2.1 SOIL TREATMENT

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

CBA's on-site soil remediation techniques offer significant cost savings over the conventional "dig-and-haul" approach. The ability of the unique MITU technology to address mixed waste (VOC's and metals) sites also offers a clear advantage over other soil mixing technologies.