

7.0 EXPERIENCE

CBA has successfully completed numerous remediation projects involving the treatment of chlorinated volatile compounds at various site locations. The type of sites range from active dry-cleaning facilities to abandoned Superfund sites. In most cases, CBA has either served as the general contractor or as a specialty remediation contractor; whichever the case, CBA is comfortable with either role.

CBA has had a significant amount of experience with the handling and application of potassium permanganate for remedial uses. In fact, CBA was directly involved in the grass-roots development of the direct application of crystalline KMnO_4 to contaminated soils. CBA's experience with thermal treatment is also noteworthy, as the thermal desorption process utilized by the MITU was developed by CBA. Continued developments to both processes are ongoing in order to keep pace with the latest technological advances.

CBA's projects have varied in size and location; the following case studies are representative of large, medium, and small sized projects.

7.1 Project Case Study – Milwaukee, Wisconsin

This large-sized project was completed at a state Superfund site and involves the treatment of mixed waste (*organics & metals*); the primary organic constituents were PCE and TCE. The remedial approach included the thermal / chemical-oxidation treatment train. (*see case study pg. 7-2*)

7.2 Project Case Study – Arcade, New York

This medium-sized project, completed for a Fortune 500 company, involved the thermal treatment of soil with multiple organic contaminants. However, the primary concern was TCE. (*see case study pg. 7-3*)

7.3 Project Case Study – Zieglerville, Pennsylvania

This relatively small project was completed as an interim response action for the Pennsylvania Department of Environmental Protection. CBA's thermal treatment process was used to remediate soils impacted with TCE. (*see case study pg. 7-4*)