

Appendix E

Site: Overhead Photos

Appendix E Site: Overhead Photos



Appendix F

Site: Various Photos: Envirosoil Site & Equipment

Appendix F: Site: Various Photos: Envirosoil Site & Equipment









Appendix G

Case Studies Similar in Nature

Appendix G Case Studies Similar in Nature

Case Studies

- Case 1 Thermal Desorption at the Metaltec Superfund Site
Franklin Borough, NJ, USA
Dec 1994 – Jan 1995

Trichloroethene (TCE) – 7,600 mg/kg

Note: This project is practically identical to the operation Envirosoil is proposing, including the technology and contaminants.

- Case 2 DRE Emissions Test Results – SFP Airport Plot 50
San Francisco, CA, USA
Mar 1996

Trichloroethene (TCE) – 369.4 grams/hr @ 20 ton/hour treatment rate
99.995% DRE

Note: This project has less detail than the project listed above, however the technology and contaminants are the same.

- Case 3 Longhorn Army Ammunition Plant Burning Ground No. 3
Karnack, TX, USA
Feb – Dec 1997

Trichloroethene (TCE) – 1,000 mg/kg

Note: This project is very similar with respect to the technology, however the secondary treatment is slightly different using a catalytic oxidizer and a packed bed scrubber for off gas treatment. The contaminant is the same as Envirosoil proposes to treat.

- Case 4 Envirosoil Limited Demonstration
Bedford, NS, Canada
Oct 1996

Pentachlorophenol (PCP) – 720 – 890 – mg/kg (99.99995% DRE)

Note: The technology is the exact equipment that Envirosoil propose to use. The only difference between this case study and the proposed project is the contaminant treated is PCP rather than TCE, which have the same treatment requirements via LTTD and can achieve the same results.