

Urban Renewal Project – Philadelphia, PA

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Technology Used

AMS PowerProbe® Direct Push Unit
Geoprobe® SC 400 Soil Conductivity Probe
Mobile Laboratory

Analysis Performed

SW-846 Method 8260B

Matrix of Concern

Soil Gas

Primary Contaminants of Concern

BTEX, MTBE and TICs

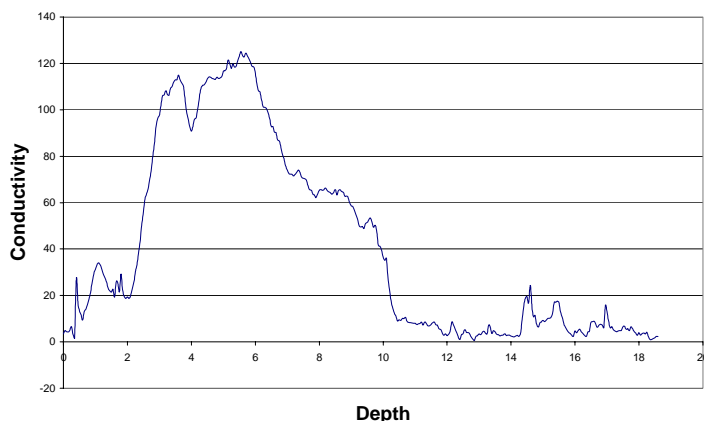
Period of Work

2 weeks, September 2000

Summary

Number of Conductivity Borings:	27
Number of Soil Gas Borings:	9
Samples analyzed for VOCs:	90

Soil Conductivity Log



Project Summary

Site Description

A former government facility located outside Philadelphia, PA. This site is scheduled to be turned over to the private sector as part as an urban renewal project.

Project Description

S₂C₂ was contracted to provide direct-push sampling and mobile laboratory services at a former government facility. Initially a direct sensing conductivity probe was utilized to locate potential contaminant migration pathways. Soil gas samples were then collected in suspect areas and analyzed by GC/MS for BTEX and MTBE onsite in S₂C₂'s mobile laboratory.

Project Results

Results from the soil conductivity probe allowed the client to target only those areas that had the potential of being a preferential pathway for contaminant migration. Real time analysis of soil gas samples by the mobile laboratory speed up the investigation saving the client money.

S₂C₂ inc.

Streamlined Site Characterization & Closure