



AMPTHILL

- CLIENT
AECOM

- PROJECT DURATION & VALUE
5 years | £250,000

- KEY SERVICES

Safety control
Remediation equipment design and construction
Detailed system monitoring, maintenance and optimisation
Data collection, collation and reporting
Emergency response
Excavation, drilling, construction
Utility mapping and avoidance
Working to a very high standard of engineering and safety
Working within a high security military research facility.

- OUTCOME

After a period of 5 years the project was closed with significant contaminant reduction across the affected area. All parties involved in the project were pleased with the outcome and RemTech's continued high standard of work.

REMEDICATION OF CHLORINATED SOLVENTS IN SOIL AND GROUNDWATER AT A MILITARY RESEARCH FACILITY

RemTech was brought into the project as a remedial support partner. The existing remediation equipment installed at the site was a dual phase extraction system with multiple extraction wells and a monitoring well network. Upon starting work with AECOM, RemTech's duties for the project were as follows:

- To adjust, operate and monitor the existing equipment during pilot trials by AECOM whilst assessments were made into the efficacy of the equipment.
- To make adjustments to equipment and install additional wells, telemetry and infrastructure to convert the existing equipment to a multi-phase extraction system.
- To remotely and physically monitor and maintain the equipment to a specific standard on a two week basis.
- Replace spent carbon, filters and pipework degraded by the contaminated groundwater.
- Collect operating parameters and to update the data collected within a database.
- To make amendments and adjustments to the equipment wherever instructed.
- To install and supervise trial technologies operated by university research groups.
- To decontaminate and decommission the remediation system upon completion of the project to a very high standard.