



Defence Estates & Babcock DynCorp



£1.8m



4 weeks

Project Overview

As part of the decommissioning of this former WW2 military airbase situated to the east of Ipswich, Defence Estates' objective was to remove fuel tanks, pipelines & associated buildings during their ongoing remediation scheme to facilitate future development.

The majority of the 42 tanks were underground, their volumes ranging from 300 to 1 million gallons. Much of the site was overgrown with the tanks being covered by established woodland.



Challenges

Due to their nature and age the exact position of the tanks had to be identified and a survey produced.

Samples were taken of the tanks contents, the immediate surrounding area and of the site in general by Independent Environmental Consultants to identify contamination.

The connecting pipelines to the tanks were drained, cut and capped, with the contents being pumped into tankers and removed from site for safe disposal. A secondary control measure was to use the tank retaining structure as a bund.

The area was cleared of all trees and vegetation with the topsoil being excavated and set aside. The concrete structures encasing the tanks were broken out, pulverised and stockpiled ready to be used as backfill.



The fuel tanks and associated pipework were cut into sections using hydraulic shear attachments.

The retained base sections were core drilled to provide drainage before backfilling with arisings. The entire area was graded, landscaped and seeded to return the site to its former state.

Achievements

No loss or spillage of any contaminated material into the ground during the works. On completion of the works a validation certificate was issued by the Independent Consultant to verify that the decontamination had been achieved.

Security measures and procedures were implemented, as the works were carried out alongside the MOD, RAF and nearby residences.

Work was completed on time and within budget.

