

## Melksham

Former Use: RAF School for Technical Training  
Client: Winvic Construction Limited  
Value: £undisclosed  
Location: Melksham

Provectus were commissioned by Winvic Construction Limited undertake confirmatory radiological site investigation, remediation works and disposal of materials from the former RAF Melksham. A strategy had been prepared for the site by third party consultants. The site was overgrown with vegetation, with the expectation that the area requiring remediation would block the site access. The site is to be redeveloped for industrial/commercial end use.

Given the previous surveys (undertaken by others) the focus for the Provectus investigation was the potential presence of the radioactive isotope Radium 226 and its daughter decay products. Provectus provided RPA, RWA, RPS and Health Physicist services during the works and used a fully calibrated survey instrument (relevant to the anticipated radiological contamination) to monitor the site works as they progressed.

The investigation consisted of the following;

- Provision of a Health and Safety Plan, including relevant method statements and risk assessments,
- Drive-in sampler holes sunk using a tracked rig to depths of 1.00m to 3.00mbgl. 1m cores were collected for appropriate on-site radiological testing,



- On-site radiological monitoring of the 1m cores collected from each sample hole,
- Production of a factual site assessment report delineating the extent of the contamination,
- Excavation and handling of material in accordance with the permit,
- Liaison and management of the disposal process.

Immediately following the delineation Provectus proceeded with the site decontamination which involved the excavation and disposal of small quantities of radiological contaminated soil and ash.

We were required to remove the soil in a speedy and efficient manner as the identified hot-spot effectively obstructed site access for plant and machinery.