

Havant

Current Use: Operational Consumer Goods Warehouse Facility
Client: Kenwood
Value: £400,000
Location: Havant, South of England

Provectus were engaged to bring technology innovations to achieve what earlier conventional remediation works could not, removal of recalcitrant contaminants from beneath an operational warehouse building. The work was needed to reduce the contaminant mass and the associated risk to human health and the environment.

The main risk driver was phthalates, Provectus removed free product phthalates floating on and in underlying groundwater beneath this operational facility. As the product was located beneath the fixed warehouse floor, extraction wells had to be installed. This enabled the product to be extracted without having the inconvenience and cost of excavating large sections of the ground beneath the warehouse.

Over a period of two years, phthalate in the groundwater was demonstrated to recover at asymptotic levels, reducing to less than detectable levels. Regulatory sign off was obtained by Provectus for the site and to the clients satisfaction.



Throughout this time, the site was fully operational. A consumer goods warehouse was operating around and above where the works were taking place. This resulted in the project director liaising closely with the operational team to ensure minimal interruptions to the day to day operation. The site was further complicated by the fact fibre optic cables ran across the site. Care was taken to avoid disturbing these and no interruptions were experienced as a result.

Final works included the decommissioning of a groundwater well in an adjacent allotment and the installation of a new water supply.