



**CASE STUDY**

# WESTBURY, OIL TANK LEAK REMEDIATION

Client	MAN Truck & Bus Ltd
Location	Westbury
Remediation Value	£15,500
Project	Removal of hydrocarbon impacted soils following a leak of c.800 litres of engine oil
Contaminant	Hydrocarbons



Area of spillage and damaged wall

## DESCRIPTION

During high winds a roof from a lean-to was blown off and damaged a pressurised pipe that fed a workshop with engine oil from a storage tank, which spilled c.800 litres of oil over a wall onto the highway verge.

The client was keen to remove the impacted soils as soon as possible to reduce the risk of the migration of contamination but during the incident the lean-to roof had damaged the boundary wall to the yard in the vicinity of the spillage.



As it was unknown when the wall would be repaired to facilitate the early completion of the remedial works, UK Remediation Limited implemented a series of working methods that reduced the amount of vibration by using small capacity excavators (2t) working at arm's length perpendicularly to the wall.

Also during the works the impacted soils were excavated in 200 mm thick layers and were limited to 400 mm deep adjacent to the wall.

The stockpiled soils were then collected by a grab lorry and transported for treatment at UK Remediation's facility near Exeter.



Stepped excavation

Soil samples were collected from the exposed base and sides of the excavation. The analysis of which confirmed that the residue concentrations within the ground did not pose a risk to site users or controlled waters.

