

CASE STUDY CS140

PROJECT: Remediation of Scrap Metal Recycling Facility

CLIENT: Scrap Metal Works Operator, Shropshire

DURATION: Five Months

COST RANGE: £300,000 to £400,000

STATUS: Completed and Validated



WORKS

- Design of an effective clean-up scheme in conjunction with the client and Environment Agency.
- Designed to achieve surrender of a waste management licence.
- Phased excavation and removal of hydrocarbon fuel / oil and metal contaminated soils.
- On-site physical processing and reuse of cleaned soils.
- Contaminated groundwater treatment and disposal of heavily contaminated soils.

SYNOPSIS

This site had been subjected to significant historic contamination from over 40 years of industrial activity. Elevated concentrations of fuels, oils and metals were present and localised pools of oily waters were exposed beneath the ground. Contaminant target levels were agreed with the regulatory authorities, and a strategy to deal with contaminated soils and waters was designed to achieve surrender of the owners' waste management licence.

Soils were excavated in phased areas, with clean soils removed for reuse, heavily impacted soils removed from site and other soils processed on site. Physical sorting and segregation was followed by screening and crushing activities to maximise reuse of clean soils. Treatment of oily waters and contaminated groundwater was undertaken on site. Site-won soils were used as backfill with the final restoration completed using imported locally sourced aggregate. Over 3,500m³ materials were excavated and processed. Regulatory agreement for the surrender of the licence was achieved.



TRM

Email: mail@trm-ltd.com www.trm-ltd.com

Head Office: 11 Merlin Way, Quarry Hill Industrial Park, Ilkeston, Derbyshire DE7 4RA Tel: 44 (0)115 932 7222



TRM is the trading title of Telluric Remediation Management Limited.
Registered in England and Wales No. 0483 5289. VAT Reg. No. GB 842 2735 33.
Registered Office 11 Merlin Way, Quarry Hill Industrial Park, Ilkeston, Derbyshire DE7 4RA.

