

Project Profile: Remada's Soil Treatment Facility (STF)

Located at Arden Landfill, Solihull, B92 0DY.

Due Diligence

Desk Study

Intrusive Ground Investigation

Human Health Risk Assessment

Water Resource Risk Assessment

Mining Risk Assessment

Preliminary Foundation Design Recommendations

Remediation Strategies & Method Statements

Pre-acquisition Advice

Abnormal Cost Assessment

Materials Management Plans & Declarations

UST Decommissioning

Soil Bio-remediation

Soil Stabilisation

In-situ Groundwater Remediation

EA Remediation Permit

Verification & Completion Reports

Soil Treatment Facility

www.remada.co.uk

0845 505 5222

greg.jones@remada.co.uk
graham.wilson@remada.co.uk



Remada Ltd
The Courtyard
Barston Lane
Knowle
Solihull
B92 0HS

In Spring 2013 Remada set up a Hazardous Waste Soil Treatment Facility (STF) with Arden Landfill to remediate soils contaminated with hydrocarbons.



The STF has remediated over 30,000 tonnes of hazardous soil waste with the resultant non-hazardous and inert soils being available either for:

- a) use a construction fill in accordance with CL:AIRE Code of Practice, or
- b) Restoration of Arden Landfill.

The facility was set up under Remada's Environmental Permit to remediate hydrocarbon and solvent impacted soils and over 30% of the received waste has been re-used.

The site operates under ISO14001 certification and an Environment Agency permit. Oversize inert materials such as concrete from relict foundations are removed and processed for aggregates, whilst the finer soils are rotovated in preparation for bioremediation.

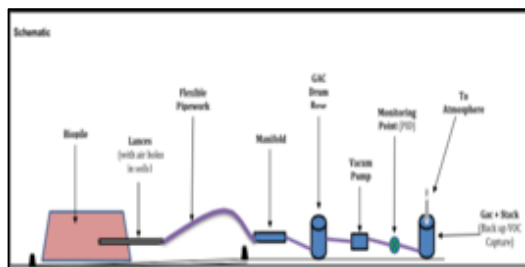
Soils are finely rotovated with a Remu EE3160 and formed into windrows for bioremediation hydrocarbons or biopiles for enhanced bioremediation of volatile organic compounds (VOCs).



Biopiles are then covered and lances are inserted into the soil and connected to either a vacuum pump so that emissions can be drawn through and removed in activated carbon filters.

Surface water run-off is contained by curbing and drained to a storage tank prior to testing and disposal.

The site has the capacity to remediate approximately 7000 tonnes at any one time with a 12 to 16 week treatment period.



Registered in England & Wales 08302458