





We want to know more about you!



but first here is a bit about us...

Shift Soil Remediation LLP specialises in delivering effective, affordable technologies for cleaning up contaminated soil. We harness a proven soil processing tool with advanced chemical and biological remediation technology, to reliably treat and neutralise the contamination itself, without destroying the usability of the soil. Our mobile treatment units eliminate haulage costs, unnecessary carbon production and risk.

As remediation takes place at a molecular level, the process is more reliable than traditional methods and proven to have a more positive environmental impact.

The Shift system is versatile and able to treat virtually any type of contamination problem, in any soil condition. We offer remediation on over 200 types of contamination. Our mobile equipment can be set up within a couple of hours on the contaminated site. Processing is faster than any other proven decontamination system in widespread commercial use today.

We believe in speed, efficiency and affordability in today's climate and are here to clean up the environment, taking on just about any contamination problem. Our revolutionary technology's are unrivalled by any other system, affording us a guarantee on results.

The term "contaminated land" is defined in the Environmental Protection Act 1990. It refers to the presence of polluting substances on a site (usually in the soil) in certain concentrations above background levels, which may cause harm (directly or indirectly) to humans, animals, vegetation or structures.

Shift



What to expect

Shift Soil Remediation is a full service soil remediation company. We manage and monitor each step of the process from site assessment and optimal remediation planning to site decontamination and post testing. We are proud to introduce new technologies in remediating soil to the UK and Europe.

Our process is on site and begins by excavating the contaminated areas of the site established by the Phase I screening. The excavated soil is deposited into the hopper on the top of our machine, it travels via conveyor systems where it gets broken down and treated. The crushing action of the Shift process increases the surface area and adds oxygen to the soil, speeding up the decontamination process to days or weeks rather than months or years. During our bioremediation process, living bacteria are able to multiply and travel freely through the freshly oxygenated soil, searching out and eliminating the contaminant - affording us the ability to guarantee these results.

We specialise in the remediation of hydrocarbons, one of the leading carcinogens in soils, additionally we remediate over 200 contaminants through bioremediation, chemical oxidization and stabilisation processes.

**“The nation that destroys its soil,
destroys itself.”**

Franklin Delano Roosevelt



Our duty



We don't claim to be saints but we do try to live humbly, and don't interfere with the natural way of things. We strive to make a difference in the world one grain of sand at a time.



Our service

Our expert team are well equipped and eager to help with your contamination problem, offering you a time efficient and cost effective solution. Our process is thorough, remediating to environmentally safe levels in comparatively shorter timeframe's than traditional methods. We specialise in hydrocarbons, while also offering a complete solution for more than 200 contaminants. Shift will manage your remediation project from phase I through III, offering a service tailored to suit any site or client.

- Phase I and II environmental site assessment
- Phase III environmental site assessment (remediation)
- Mobilisation and setup of our remediation equipment at your site.
- All on-site remediation processing and labour costs.
- Post-treatment samples and laboratory testing
- Remediation Work Plan and Completion Report
- Remediation management

How we are different:

Our treatment costs and therefore our charges to you are lower than offered by other soil remediation companies. Through years of experience, the designers of the Shift Soil process realised that for a remediation method to be reliable, it needed a more thorough means of processing the soil and blending the decontamination reagents/microorganisms into the soil. Extensive research and testing resulted in the right combination of elements to accomplish that goal. Our technology has been patented as both a machine and a process.



Approved

bp



Hopper

Exhaust

Processing unit

Reagent tanks

Perkins diesel engine

All terrain tyres for easy site manoeuvrability



Nuts, bolts and bacteria

Our equipment is fully mobile and self-propelled, working on-site to remediate previously excavated soil. Our techniques and technology offer some of the fastest and most professional remediation solutions to date, eliminating the need, expense and environmental harm in transporting and dumping contaminated soil.

The Shift Soil Remediation process is designed to homogenize variability in the soil, while introducing one or more chemical or biological reagent(s) known to degrade and/or neutralise the specific contaminants in that soil. In other words, Shift Soil is able to tailor the choice of chemical and/or biological reagent to the specific type and severity of contamination, and to the specific soil conditions at a site.

Our process reduces the soil to a fine particle state in order to maximise access to the contaminant molecules and also ensures the even distribution of the reagent(s) throughout this soil matrix. The degradation/neutralisation is completed before the soil loses its homogenous and fine particulate composition.



Health and safety

There are no negative health, safety, or environmental impacts associated with operation of our system. There are no significant risks, direct or indirect, to the general public as long as the equipment and work site are reasonably secure from unauthorised entrance.

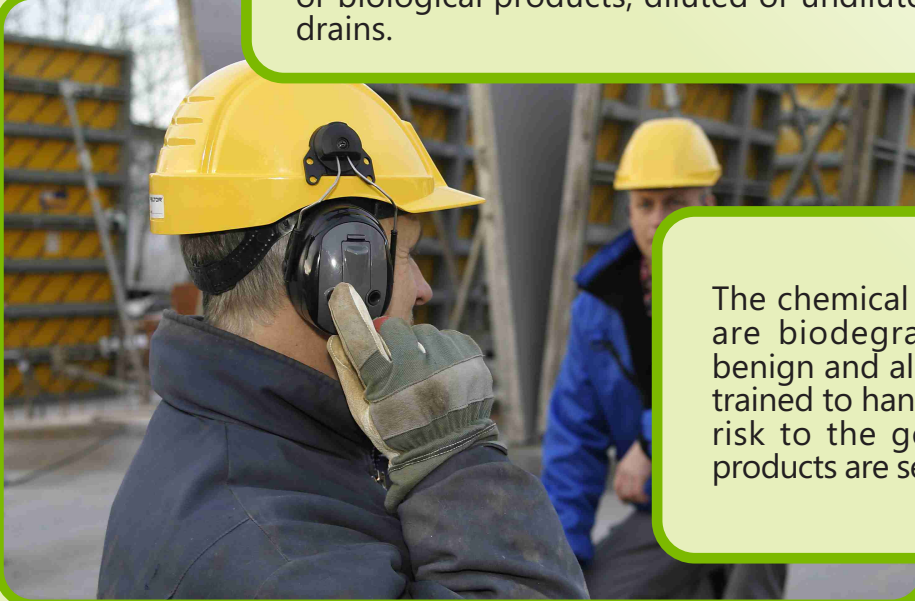


Processing soil may produce incidental dust as a natural result of the lifting and dumping of soil into the hopper, if the soil is particularly dry. During our process, moisture is added to the soil and as a result there is no dust.



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There is no contact with groundwater during the Shift Soil process (the contaminated soil is already excavated), nor is there any release of chemicals or biological products, diluted or undiluted, into public sewers or storm drains.



The chemical and biological products used are biodegradable and environmentally benign and all our equipment operators are trained to handle these materials. There is no risk to the general public as long as the products are secure from access or tampering.

The soils processing machinery, when operating, produces a noise level comparable to a medium-sized residential gasoline generator. The engine meets all current emission control requirements for such equipment.





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