VertaseFLI was contracted by AMEC on behalf of St Helens Council to undertake remediation works on a site in St Helens comprising six residential properties designated as ‘Contaminated Land’ under Part 2A of the Environmental Protection Act 1990.

Site investigation works across the site had identified elevated concentrations of Arsenic, tars and galligu associated with the sites’ former industrial use, resulting in the risk of significant harm to the current site users. The remedial actions were required to facilitate the safe restoration of the gardens, suitable for the ongoing residential end use.

**VERTASE FLI ROLE**
The work involved the excavation of garden areas to a depth of 600mm. Contaminated material was disposed offsite as either Hazardous or Non Hazardous to an appropriately licenced facility. Prior to reinstatement of clean materials, an orange geotextile marker membrane was installed as a no dig layer. Gardens were then reinstated via the import of 600mm of clean fill, typically comprising 450mm of subsoil and 150mm of topsoil or an appropriate surface finish such as Flags, gravel, turf or planting areas, thus providing a pathway break. All imported materials were tested at source in accordance with the AMEC specification prior to import. Other associated works involved the rebuilding of stone walls, brick outhouses wooden sheds, pathway edgings and the preservation of existing live services.

The remediation of the site presented a number of significant challenges due to restricted access and working conditions within the gardens. Works were undertaken in close consultation with the householders under an accelerated programme in order to minimise disruption. VertaseFLI worked closely with St Helens Council to meet the requests of the residents. The project demonstrates our ability to contribute positively on often contentious works and to the satisfaction of all stakeholders.
Your Sustainable Solutions Partner

WORKING IN LIMITED SPACE

INSTALLATION OF GEOTEXTILE MARKER LAYER

GEOTEXTILE MARKER LAYER

WORKING IN REAR GARDEN

COMPLETED REAR GARDEN

COMPLETED FRONT GARDEN