

## FORMER ASBESTOS FACTORY

### CLIENT:

Marley Eternit UK

### SITE:

Derby Road, Widnes

### CONTRACT:

Marley Eternit appointed Green Remediation Ltd, to project manage the appraisal of their Derby Road site, Widnes with a view to safely reclaiming a significant part of the land for future redevelopment as part of a £2.2m fixed price contract. This site was previously one of the largest asbestos producing facilities in Europe.



### SCOPE OF WORKS

Following detailed discussions with the client and local authority, Green Remediation designed and implemented a scope of works, which included:

- Service Disconnections
- Demolition Works
- Tree Clearance
- Dust Control Measures
- Well Decommissioning
- Disposal of Overburden Materials
- Disposal of Asbestos Contaminated Soils.
- Breaking Out and Processing of Slabs and Foundations
- Bio Treatment of Contaminated Soils
- Geotechnical Testing
- Providing Capping Layer



As part of this project, Green Remediation, carefully assembled a team of experts comprising a third party environmental/asbestos consultant and specialist health and safety advisors. The project team was tasked with developing a sustainable remediation solution that would not only facilitate the proposed development but would also enhance the local environment for future generations. Throughout the whole appraisal process, the team of experts liaised closely with both local Contaminated Land Team and the Environment Agency to ensure that they were completely satisfied with the level of information made available in support of the application and to also ensure that proposed reclamation works were fully compliant with current Health, Safety and Environmental Legislation and best practice.

Following extensive investigation works at the site, detailed method statements and control procedures were developed, which Green Remediation and their project team agreed with the Council.

All remedial works undertaken at the site were in accordance with strict procedures and methodologies, which were agreed with both the Council and the Health & Safety Executive. These works were overseen by a third party specialist environmental consultant who continuously monitored the works to prove that they had not impacted the environment. In addition a specialist Health & Safety Consultant regularly audited the works.

Throughout the works the site was also regularly inspected by the local Contaminated Land Team and by the Health & Safety Executive, and the Environment Agency.



The works comprised the remediation of two distinct areas of the site, one for residential end-use (approx. 3.4ha) and the other for commercial end-use (approx. 2.7ha). The middle part of the site (3.8ha) continued production of non-asbestos containing materials. Extensive investigation of the site showed the proposed residential area of the site to be contaminated with white bonded asbestos and the proposed solution involved the removal of this material from the site. Investigation of the commercial area had shown the site to be contaminated with a significant depth of white bonded asbestos. The proposed solution in this area was for the provision of a capping layer.

The remediation works performed at the site rendered it safe for future generations.