

# RECYCLING | REMEDIATION | PLANT



**KKB**  
REMEDICATION LTD

## ABOUT US



Kent-based KKB Remediation specialises in providing niche services to the regeneration sector.

The company has been providing practical solutions for the development of brownfield sites for many years.

Our comprehensive range of services range from surveying to land remediation, waste recycling and plant hire that increase the value and environmental performance of the regeneration process.

We are able to combine our technical expertise and knowledge of the regulatory process with hands-on, practical experience to provide value-engineered, innovative solutions to manage your waste and contaminated land requirements.

We work for all participants in the supply chain for regeneration programmes from development agencies and local authorities to engineering and environmental consultancies, contractors, property developers and regulators.

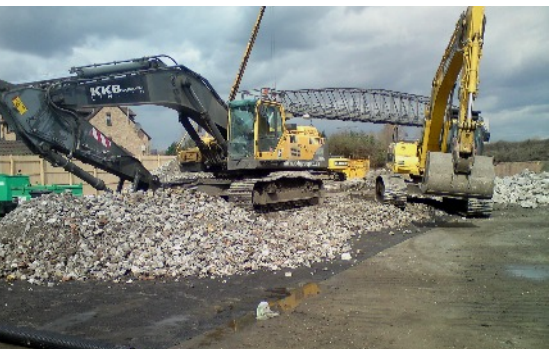
Our experienced hands-on management team is supported by technical experts, surveyors, chemists and an in-house team of operatives, all of whom carry CSCS and/or CPCS cards. KKB has WAMITAB technical competence cover for EA compliance.

KKB Remediation is part of the KKB Group of companies which consists of the following organisations:

- KKB Remediation
- Recycled Roadways
- KKB Plant Services
- Dimensions & Data Engineering

“KKB Remediation's professionalism and specialist knowledge of their discipline was a feature of the enabling phase of the Dartford regeneration project. Their experience and problem-solving approach allowed us to overcome several challenges to complete the enabling phase ahead of schedule.”

**Tristan Tucker, Campbell Reith Hill**



KKB's knowledge of remediation and partnering approach made them a valuable member of project team. They were able to apply significant resources in terms of manpower and equipment which allowed us to deliver the enabling phase on-budget and ahead of programme.

**Keith English, John F Hunt Demolition**

KKB Regeneration's core service is the remediation of contaminated land.

We provide a comprehensive range of skills and services to carry out ex-situ and in-situ remediation to decontaminate Brownfield sites and prepare them for the re-development phase.

The land and groundwater on former industrial locations is often polluted with hydrocarbons, heavy metals, fertilizers and asbestos which pose a risk to the health of contractors and residents of any future development. This is strictly regulated and controlled by the Environment Agency.

KKB can provide developers with a complete remediation package from consultancy to sampling and testing, excavation, treatment, re-deposit, re-grading and waste disposal.

Our vast experience of the discipline enables us to provide expert advice and value-engineering to ensure the most suitable and cost-effective remediation methodology is used.

We can carry out all of the excavation and associated enabling work. We are licensed by the Environment Agency to establish mobile treatment facilities for ex-situ and in-situ remediation.

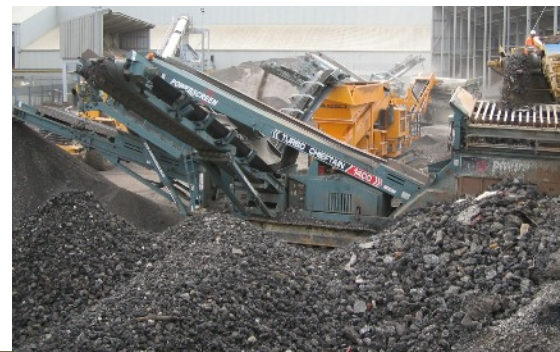
We have expertise in a comprehensive range of remediation technologies including:

- Bio-remediation
- Soil stabilisation
- Screen/Sort
- Soil Washing
- Pump & Treat

The source, processing techniques and destination of all remediated material is monitored and documented to provide full chain-of-custody and traceability required by the Regulations.

On completion KKB will prepare a report which documents the methodology involved which is supported by technical drawings, test and monitoring data and photographic evidence.

# RECYCLING



KKB specialises in recovering and recycling construction and civil engineering waste.

We are able to apply innovative techniques and technologies to maximise the value of waste material and increase the efficiency and sustainability of construction and civil engineering projects.

We can process materials onsite or remove them to local facilities for recycling. We process and regrade waste asphalt material on-site to client specifications.

The company has a local authority permit (issued by Medway Council) to perform on-site crushing of concrete aggregate to produce graded material (Type 1/ 6F2/HBM) for re-use as infill, piling mats and sub-base.

We can implement the WRAP Quality Protocol to prepare certificated recycled aggregate.

Track ballast can also be crushed and processed on-site as Type 1 for use in highways projects or removed and stored at local depots.

We also provide mobile facilities for processing salvaged plasterboard which segregates the paper content and recovers the gypsum for re-input into the manufacturing process.

Specialist equipment and labour can be supplied to collate, segregate and remove other building products such as glass, timber and metals from site to local recycling centres.

## MATERIALS WE RECYCLE

- Asphalt
- Ballast
- Concrete & Bricks
- Glass
- Ferrous and Non-ferrous metals
- Plasterboard
- Timber



KKB Remediation's innovative ideas for re-using waste material deliver substantial cost savings as well as contributing substantively to the sustainability of the construction process

**Lucky Gill, Gill Aggregates**

We have specialist in-house resources to carry out GPS surveying for regeneration, highways and other civil engineering projects.

We can deploy a number of mobile GPS teams which include a surveyor, GPS base / rover set and laptop/software to provide a fast, efficient and accurate service for major civil engineering schemes.

### **Setting out**

Our experts can provide high precision setting out a comprehensive range of works, from highways and reinforced concrete and steel structures to earthworks, roads, fencelines, boundaries, drainage, and piling.

Our engineers are able to extrapolate setting out points directly from AutoCAD files to streamline the process.

### **Volumetric analysis**

We use precise 3D modelling software to produce diagrammatic and quantitative data of stockpiles, OGL's and reduced level digs.

Our experts can also verify Earthworks Quantities from Bills of Quantities and information supplied by the consultant engineer.

# PLANT



We are impressed with the professionalism and attention to detail that KKB are able to contribute to a project. Their experience and ability to liaise with our project team as well as outside agencies helped to streamline a complex and challenging enabling phase

**Kevin James, Kier Eastern**

KKB has been providing the construction industry with specialist plant since 1999. We are able to supply on-site a comprehensive range of machinery, equipment and operatives for remediation and recycling purposes including:

**Excavators** - we can supply a range of mini and long-reach excavators with a range of attachments

**Screeners** - we can provide a comprehensive range of screens (single-belt, three and four-way split and Trommel) for pre-processing materials prior to bioremediation or stabilisation

**Crushers** - we have a wide range of cone, jaw and impact crushers for processing hardcore or crushing oversize material recovered during pre-treatment

**Dumpers/Tippers** - Our fleet includes 40 tonne dumpers, LGP dozers (with laser levelling), 8-wheeled tipper lorries, 150 tonne GVW low loader and ancillary plant and attachments

**Stabilisation facilities** - we can supply the fully mobile, computer-controlled stabilisation plant to site for processing contaminated soils and fluids. Ideal for ex-situ bioremediation and stabilisation techniques.



We work for all participants in the supply chain for regeneration programmes from development agencies and local authorities to engineering and environmental consultancies, contractor, property developers and Regulators.

## Remediation

- South East England Development Authority (SEEDA)
- Kier
- John F Hunt
- Clifford Devlin
- Edmund Nuttall
- Ballymore Properties
- Campbell Reith Hill
- BAM Construct

## Recycling

- Hanson Aggregate
- Tarmac
- Cemex
- Knauf UK
- Ballast Phoenix
- Terrence Butler Holdings
- Gill Aggregates

## Plant

- Volker Fitzpatrick



**KKB Remediation Limited**  
Arnolde Close  
Medway City Estate  
Rochester  
Kent ME2 4QW

Tel: +44 (0) 1634 717712  
Fax: +44 (0) 1634 717647

Email: [enquiries@kkbgroup.co.uk](mailto:enquiries@kkbgroup.co.uk)  
Web: [www.kkbgroup.co.uk](http://www.kkbgroup.co.uk)



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