



Breaking out concrete slabs, foundations & obstructions



Ongoing removal of concrete & processing for re-use in construction



Bulk cut and fill to balance site



Scheme completion ready for construction

## **CPUK Civils and Remediation were awarded Mersey Reach Phase 1: Remediation to enable its future development as an employment / industrial park.**

The scheme began with SI, RSIP, Design Agreement with EHO inc discharge of planning conditions. This was followed with a Residents Management Plan and weekly resident meetings. Works started with excavation of made ground, including breaking out of significant concrete slabs, substructures and foundations to 3m depth with groundwater treatment and management during excavation. Site won materials were stockpiled for crushing, to generate 6F2 type aggregate and returned as engineered backfill of underground structures and voids.

Remediation work was to delineate and remove the radioactive Norm 1 and Norm 2 hotspots under full time watching brief and a radiological specialist. The contaminated materials were segregated and quarantined for either off-site disposal or onsite management. Along with asbestos and hydrocarbon impacted soils processed.

Vibration, noise and dust monitoring of the site with Dust Boss equipment proactively deployed to record data and mitigated nuisance dust during the crushing and screening process.

An acoustic bund was installed to mitigate noise for local residents once the logistics park is constructed. This was designed with geo-grids at a tender cost of over £250,000. CPUK Civils offered a stabilisation option as £100,000 saving to the client.

The scheme was completed on time, to budget and with no Health, Safety and Environmental issues, ready for the construction of buildings.

*"First class service from CPUK Civils & Remediation on our Phase 1 at Mersey Reach, Aintree. The approach was excellent from start to finish and accommodating of our needs and many of the wider complexities associated with developing near to local residents."*  
**Ian Johnson - Project Manager, Chancerygate**

*"Thank you to all at CPUK for a job not only well done but with a smile on your faces."*  
**Tim Payton - Director, Feasibility Limited**

### **Key Elements**

- Town centre development
- Significant excavation of concrete, substructures and foundations
- Remediation of NORM1 and NORM2 radioactive waste contaminated hotspots
- Remediation of asbestos and hydrocarbon contaminated soils
- 3D GPS Site Management
- Site earthworks modelled to balance site with nil disposal and import