

Timber Treatment Yard, Birmingham

Current Use: Timber Treatment Pressure
Client: Linton Park
Value: £64,000
Location: Montgomery Street, Sparkbrook, Birmingham

Voluntary betterment of cross boundary migration of hexavalent chromium (CrVI) contaminated groundwater beneath this wood treatment yard.

The primary goal of the proposed work was to reduce concentrations of CrVI which had been identified within groundwater underlying the site.

Following an initial three months of groundwater monitoring. Direct-push injection of MRC was performed across the Cr contaminated area on a grid system. MRC was injected to a maximum depth of 5m below existing ground level. A total of 680kg of MRC and 340kg of Hydrogen Release Compound Primer (HRC) was injected via 25 injection locations across the treatment area.

Following the injection of the MRC a gradual reduction in total Cr and Cr(VI) levels was apparent during the course of the verification monitoring period.

The voluntary site betterment works were successful in addressing the identified significant contamination to the satisfaction of the Environment Agency.

