

Dale & Arkwright Mill Rochdale

Customer:	Barratt Homes & Base Regeneration LLP	Value:	£1M
	c/o Curtins Consulting CDMC & Geo environmental Designer 10 Oxford St., Manchester M2 3WQ	Contact:	Phil Winterburn - Director Curtins Consulting Ltd

Scope of Work

- 8 Acre Former Mill Site – Heavily asbestos impacted soils
- Health Protection Agency (Public Health England Interface)
- Rochdale RDA Part Funded
- Major service diversions
- Asbestos Air Monitoring
- Full decontamination controls
- Foundation recovery and reprocessing
- Asbestos validation testing
- Pre-clearance of utility corridors
- Riverbank stabilisation and erosion control
- Full-engineering and development regrade
- Client appointed Consultant to verify and validate all works
- Installation of Pump Station and Infrastructure (stage 1)
- External 278 Highway works



Project Description



The remediation of this former mill site in Rochdale was part funded by Rochdale MBC in conjunction with Base Regeneration LLP and Barratt Homes. Advance investigation identified widespread asbestos contamination throughout the ground and significant physical substructures within the 3m+ layer of made ground consisting of hardcore and demolition rubble.



To provide a development platform for the 85 piled low cost residential properties, the below ground structures and poor quality ground required re-engineering and processing on site prior to the installation of an 800mm validated cover system in advance of the deposition of topsoil / subsoil to garden and play areas.



The presence of asbestos throughout the soils matrix, presented significant constraints, with the health and safety of both the site operatives and adjacent residents paramount in the development of the earthworks strategy. The treatment proposals were agreed with the local environmental health team, the HSE and the Health Protection Agency, prior to works commencing.



Boundary air monitoring and personnel monitoring in conjunction with full decontamination measures were implemented to verify the effectiveness of the site's control arrangements and to provide further assurances to local residents.

The UR team carried out full clearance of the utility corridors for subsequent service diversions and managed the installation of the site's roads and sewers to avoid the need for additional contractor interfaces and issues of cross contamination. All works were independently validated by Curtins Consulting.