

Cedar Fold



Demolition of Former Residential Property

Successful Remediation - On Time, On Budget

THE CHALLENGE

The site located at Bury Road, Tottington, historically comprised open land prior to construction of a chicken farm, subsequently demolished for construction of a residential bungalow.

The land to the immediate east comprised a former refuse tip, reported to be filled from the late 19th century with wastes from a bleach and dye works, and capped with rubble in the 1970s. Whilst the historical OS maps did not disclose any significant regrading of the site, areas of variable madeground were disclosed across the eastern area to a maximum depth of 4m. Madeground comprised rubble (concrete and bricks), ash, plastic and occasional asbestos containing materials (ACM).

The remedial works were required to facilitate the proposed residential development, ensuring removal of all ACM and deleterious material from made ground to mitigate human health risks.

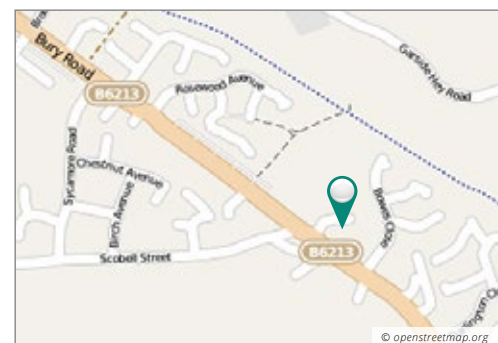


Key Information

Client:	Bellway
Site:	Cedar Fold
Area:	1.15 ha
Location:	Bury Road, Tottington, Bury
Former use:	Chicken Farm/ Residential
Start date:	May 2014
Programme:	12 weeks
Status:	Completed/ Validated

Stakeholders

- Bury Council
- Environment Agency
- Coopers
- Ascerta
- Lees Roxburgh



Himalyan Balsam Excavation

DBR Key Expertise

- PC Role
- Demolition
- Tree Felling
- Invasive Species Management
- Planning & Treatment
- Made Ground Processing
- Crushing to 6F2
- Engineering to Formation Levels
- Verification Testing

“

Through early contractor involvement DBR helped deliver programme and cost certainty from land purchase to site construction.”

THE SOLUTION

Given the extensive coverage of Himalayan Balsam it was necessary to coordinate remedial works, with both the invasive species and material management plans for the site.

Invasive species management comprised the excavation (200 mm deep) of all balsam impacted soils for stockpiling prior to on-site burial at depth (3 m bgl). All Japanese Knotweed affected soils were excavated under supervision with materials removed off-site to licenced tip.

Further to completing a demolition and refurbishment survey the existing site residential buildings were demolished and all masonry and hardstand recovered and crushed as 6F2 for re-use. Excavation and processing of madeground was undertaken under Environmental Engineer supervision with screening and picking of deleterious, over-size and suspected ACM.

The site was re-engineered to construction formation levels and designed to provide validated sub-soils for all gardens of the 30No. unit development.

Works were undertaken under a Fixed Price Contract and delivered to programme.

For further information on how DB Remediation can assist your next project, please call Dafydd Rees on:

07854 710099

or email: d.rees@dbremediation.com



Sub-Soil Management

DB Remediation

DB Remediation Ltd.

Suites 3&4

14-32 Hewitt Street

Manchester M15 4GB

Tel: 0161 3009380

Email: info@dbremediation.com

Web: www.dbremediation.com