

Contract in Brief

Location:

Whitehaven – Former Albright & Wilson Site

Client:

NPL Estates

Contract Start:

July 2012

Duration:

20 weeks

Services Provided:

- Site Survey
- Radio Detection – cable location
- Underground service removal -Cable recovery
- Security
- Backfilling

Recycled From Site:

- Scrap cable for recycling 250 Tonnes.
- 200 tonnes of steel

Challenge

The site was a former mining and chemical site with over 100 years of history the site was latterly owned and operated by Rhodia and manufactured phosphate detergents and is over 100 acres. The site had been demolished for a number of years to slab level. Gilmerton Land services (GLS) identified the potential credit for the recovery of the underground services to the new owner of the site NPL Estates. The site had a large number of concrete floor slabs and areas that had been in filled with crushed demolition rubble which increased the depth of the underground services. The past uses of the site unearthed a number of challenges with large unrecorded voids and landfill drainage pipes all of which GLS worked with the onsite Environmental Consultants to deliver a safe project.

Gilmerton Land Services (GLS) Solution

GLS worked with the site team and completed historical research to identify the underground service routes in the form of High and Low voltage cables. Following this GLS were able to offer a credit payment of over £60k. GLS developed a safe system of works and using radio detection equipment clearly located the cable routes on site. The cables were excavated and processed for recycling off site using the GLS excavators. GLS maintained communications and worked in partnership with the environmental consultants URS to ensure on-going remediation works was not impacted. Due to the large amounts of site infill additional resource was utilised to maximise the recycling targets that GLS set and excavated the cables for recovery.

Scope of works

- Site Survey.
- Stakeholder communication.
- Excavation and removal of cable
- Recycling of cable
- Leave a safe and level site

Results

GLS were able to remove a previously unseen asset and deliver a credit to NPL prior to the site being in-filled and landscaped. GLS used their experience to deliver Real Value and Real Quality to recycle assets from the previously demolished site. The project was completed safely, on time and to budget.

