

# Stoford Developments, Pantheon Park, Wolverhampton £1.6m



Demolition

The project consisted of structural demolition and land remediation of a disused portion of the existing Acenta steelworks site to render it suitable for a future cost effective commercial development.

The demolition works involved dismantling two large steel frame portal sheds, previously used in steel fabrication which contained significant asbestos materials along with three smaller masonry buildings, several reinforced concrete structures and a 40m tall defunct steel water tower.

The tower was removed by a 'deliberate controlled collapse' method as a least risk option.

All reinforced concrete floor slabs, service channels and foundations were also removed along with disused service feeds.

100% of site won materials were processed on site to allow them to be reused in the general site remediation.

The undeveloped section of the site contained areas of contamination and needed to be treated, geotechnical re-engineered with bio remediation, soil stabilization and modification to provide a surface suitable for redevelopment.

This area was green stripped then excavated and fully re-engineered to provide a developable surface without the need for piling for the following building works; during this operation all contaminants were removed, segregated and treated for re-use on site with pre-agreement and final approval with Wolverhampton EHO and the local EA Officer.



Site remediation

*"I should like to say, on behalf of the City Council, how impressed we have been with the remediation works across the whole of the site. The weekly updates that we receive from CPUK have been extremely helpful, and have allowed us to keep abreast of on-going works."*

*The Council has not received any complaints from residents, visitors or employees from surrounding commercial and industrial units. That is a remarkable achievement on a remediation scheme of this scale, and it is a testament to how well the works have been controlled by you all."*

***Martin Dye, Senior Officer - City of Wolverhampton Council***

*"After having done an impressive job at Pantheon we will certainly consider CPUK on future suitable projects."*

***Alex Morgan- Stoford Developments***



Site wide remediation progress

## Key Elements

- Deliberate controlled collapse of defunct steel water tower.
- 100% of site won materials were processed on site for reuse.
- Site geotechnical re-engineered with bio remediation, soil stabilization and modification.
- Significant asbestos materials processed.
- Final approval with Wolverhampton EHO and the local EA Officer.



Controlled collapse of water tower