

Appendix E

ZETICA PRE DESK STUDY UXO ASSESSMENT

Pre-Desk Study Assessment

Site:	Old Hall Street, Liverpool
Client:	WSP Parsons Brinckerhoff
Contact:	David Duncan
Date:	3 rd October 2016
Pre-WWI Military Activity on or Affecting the Site	None identified.
WWI Military Activity on or Affecting the Site	None identified.
WWI Strategic Targets (within 5km of Site)	<p>The following strategic targets were located in the vicinity of the Site:</p> <ul style="list-style-type: none"> ■ Dockyards, wharves and warehouses on the River Mersey. ■ National Shell Factory (NSF) Liverpool. ■ Army barracks. ■ Transport infrastructure, including sidings, junctions and goods yards. ■ The Leeds and Liverpool Canal. ■ Public utilities. ■ Anti-Aircraft (AA) guns.
WWI Bombing	None identified on the Site.
Interwar Military Activity on or Affecting the Site	None identified.
WWII Military Activity on or Affecting the Site	None identified.
WWII Strategic Targets (within 5km of Site)	<p>The following strategic targets were located in the vicinity of the Site:</p> <ul style="list-style-type: none"> ■ Dockyards, wharves and warehouses on the River Mersey. ■ Army barracks. ■ Transport infrastructure, including sidings, junctions and goods yards. ■ The Leeds and Liverpool Canal. ■ Public utilities. ■ Anti-Aircraft (AA) and anti-invasion defences.
WWII Bombing Decoys (within 5km of Site)	None.
WWII Bombing	<p>During WWII the Site was in the County Borough (CB) of Liverpool, which officially recorded 2,449No. High Explosive (HE) bombs with a moderate regional bombing density of 91.5 bombs per 405 hectares (ha).</p> <p>Between August 1940 and January 1942 the Luftwaffe carried out approximately 80No. raids on Merseyside. The heaviest bombing occurred during the 'May Blitz' in 1941 when 870 tonnes of HE bombs and over 112,000No. Incendiary Bombs (IBs) fell across the region. Significant damage was caused to Liverpool city centre and docks, in the immediate vicinity of the Site.</p> <p>Readily available records have been found indicating that several HE bombs fell in the immediate vicinity of the Site, in addition to numerous Incendiary Bombs (IBs).</p>

Post-WWII Military Activity on or Affecting the Site	None identified.
Recommendation	<p>Readily available records indicate that during WWII, several HE bombs fell in close proximity to the Site, which was located in an area with a high localised bombing density.</p> <p>Given this, a detailed desk study is recommended to fully assess and potentially zone the Unexploded Ordnance (UXO) hazard level on the Site.</p>
<p>This summary is based on a cursory review of readily available records. Caution is advised if you plan to action work based on this summary.</p> <p>It should be noted that where a potentially significant source of UXO hazard has been identified on the Site, the requirement for a detailed desk study and risk assessment has been confirmed and no further research will be undertaken at this stage. It is possible that further in-depth research as part of a detailed UXO desk study and risk assessment may identify other potential sources of UXO hazard on the Site.</p>	