



**DEMEX**  
Demolition | Excavation | Remediation

# WACOL LOGISTICS HUB

**MARCH 2021 - DECEMBER 2021**

**CLIENT: LOGOS PROPERTY GROUP**

**CONTRACT VALUE: \$9 M**



DEMEX was engaged by LOGOS Property Group to undertake the Wacol Logistics Hub project and commenced the significant civil and demolition works as principal contractor in March 2021. Spanning an area of more than 18 hectares, the project site is located in the outer western reaches of Brisbane.

The site was covered predominantly in hardstand storage areas and had several smaller buildings scattered across. A small concrete batching plant owned by a different company located on the site boundary remained operational for the duration.

Scope of works included demolition of all above ground structures, and removal of hazardous materials from the site. Once the structures were demolished to slab level, excavators broke up the concrete and stripped steel from it.

All concrete from stages 1 and 2 was processed on-site and recycled back into the site for subgrade improvement. In terms of innovation, the fortuitous alignment of the project with the Brisbane tunnel projects meant we were able to secure virgin tunnel boring material and immediately repurpose it without it being stockpiled elsewhere first. The TBM was comprised of fines ranging from 2mm to 150mm, a composition that is excellent for bridging the natural ground conditions, which were very wet and unstable. From natural ground to finished bulk earthworks we raised the ground 1.8m, completing this work in 300mm increments to allow for correct compaction.

Over 70% of the site's development was completed using recycled materials, and we recycled 99% of all materials which included 70,000 tonne of concrete, 1,200 tonne of steel and 50 tonne of timber.

