

aspec engineering

2017

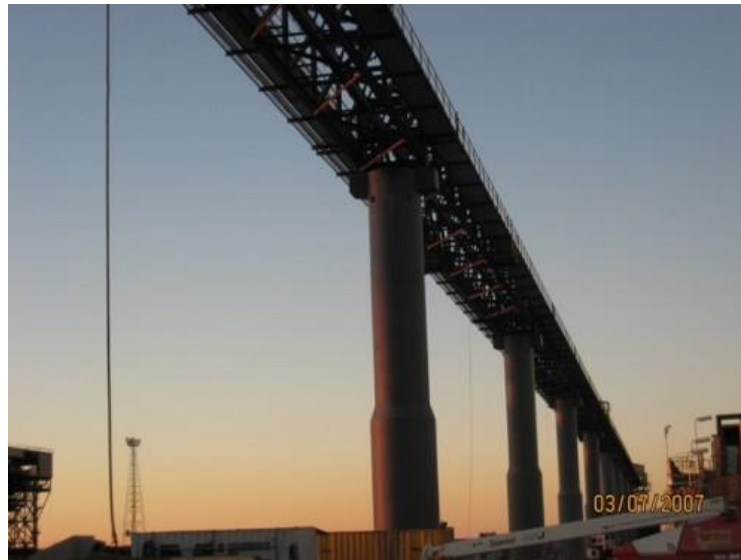


aspec engineering

A multi-disciplinary engineering company
from Australia founded in 2003



Bulk Materials Handling



Asset Life Extension



Infrastructure Projects

aspec engineering



Studies



Detailed Design

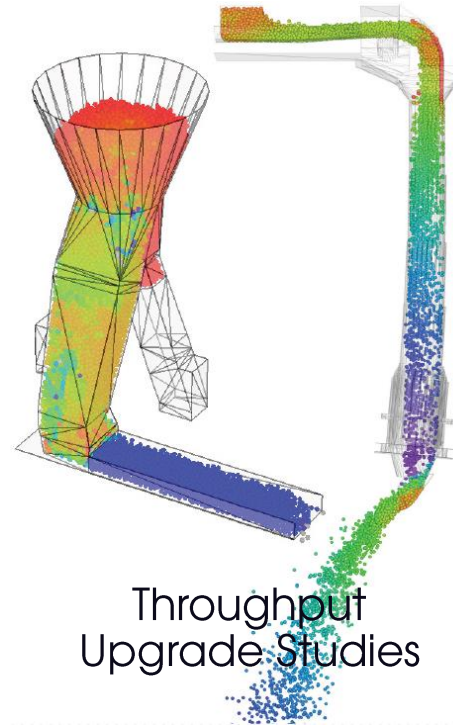


EPCM

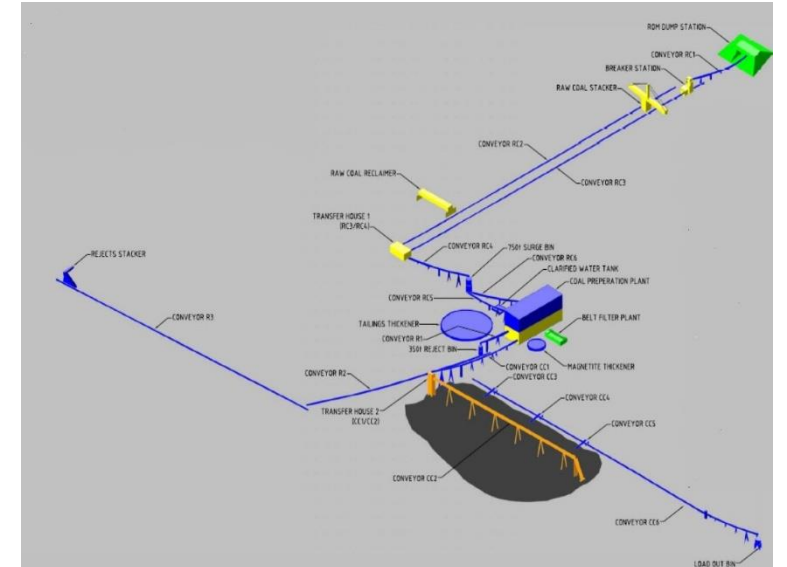
studies



Port Layout Studies



Throughput
Upgrade Studies



Asset Condition &
Sustaining Capital

detailed design



Machine Retrofits



Materials Handling Systems



Civil Work

focus

- extending asset life
- reducing risk
- brownfield installations
- providing value solutions

Life Extension



Hay Point Berth 1

Risk Reduction



Cape Lambert B – Proof Engineering

Brown Field



Peak Downs ROM Upgrade for Cat 797 Dump Trucks

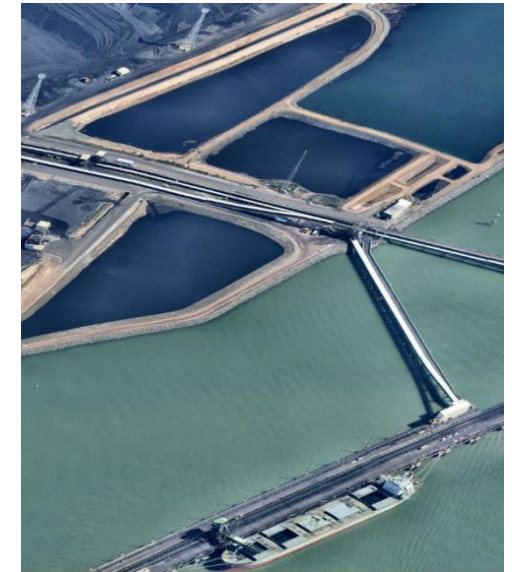
Value Add



Hay Point – reuse of SR1 & 2 Rail Beams



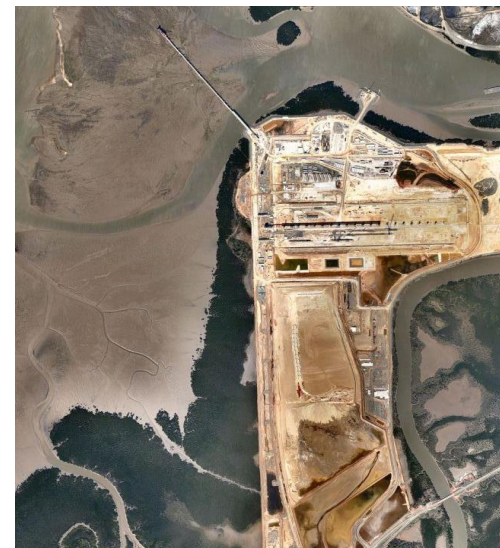
GPC 3rd Stream Conveyors



GPC Ground Improvements



Hay Point Berth 1 Pile Capacity Assessment



WICET Stage 2 Review



Spence Interim Fatigue Strengthening

infrastructure projects

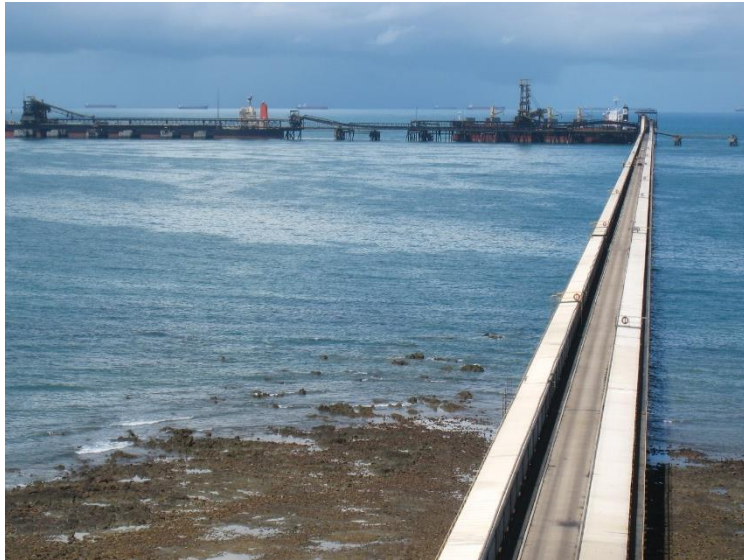
aspec & rendel

Original designers of Hay Point Berths 1 & 2

Experts in Caissons

10 year association

Proof Engineering



Hay Point Berth 1 & 2



HPX3 Verification



Sydney Northwest Rail



Thank you.

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