

Client	Whitehaven Maules Creek Coal
Project	Heavy Vehicle & Light Vehicle Wash-bay Facility
Capital	\$1.1M Approx.
Completed	2015

Services Provided

- Concept Design
- Bulk-Earthworks Design
- Multi-discipline detail design & drafting management.
- Construction Contractor support and liaison.

Project Brief

Design Process was engaged as part of the Owners Project team for their HV & LV Wash-bay facility.

The Wash-bay comprises a drive through wash bay accommodating Ultra-class truck and dozer mine fleet, ground mounted & elevated gantry mounted spray guns each side of the bay. LV bay features a simple slab and high-pressure wash down unit. LV & HV Wash slabs drain to a drive-in clean-out sump, overflowing to oil/water separation chambers and water filtration unit.

Our scope was to engage with operational stakeholders, develop concept design layouts, traffic flow and interface diagrams. During design phase we managed the engineering for the civil & structural design & drafting, and shop detailing.

