

Case Study

Liddell Mine Vehicle Washdown Facility



Cullys was engaged to deliver the Heavy Vehicle & Light Vehicle Washdown Facility associated with the Liddell Mine. The Scope of Works included the supply, fabrication, transportation, construction, installation, testing and commissioning of the Vehicle Washdown Facility as a complete and operable system. The Heavy Vehicle & Light Vehicle Washdown Facility is designed to washdown the heavy vehicles manually & light vehicles automatically and the function of the vehicle washdown facility is to:

- ◆ Enable effective removal of coal and overburden dust from the underside and over body of the light vehicles used on site (i.e. cars, utes and other like sized vehicles) by spraying with detergent and water.
- ◆ Collect runoff and dirty water from the oil delivery slab, workshop, fuel delivery and refuel slabs for containment and primary treatment of the water prior to discharge to the Industrial Dam.
- ◆ Collect dirty water runoff from the heavy and light vehicle wash down areas.
- ◆ Avoid contamination of the area surrounding the wash down from hydrocarbons.
- ◆ Removal of hydrocarbons from runoff received from wash down area, workshop, oil facility and fuel facility by using an oil separator.



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