



DEFENCE ESTABLISHMENT ORCHARD HILLS, NEW SOUTH WALES

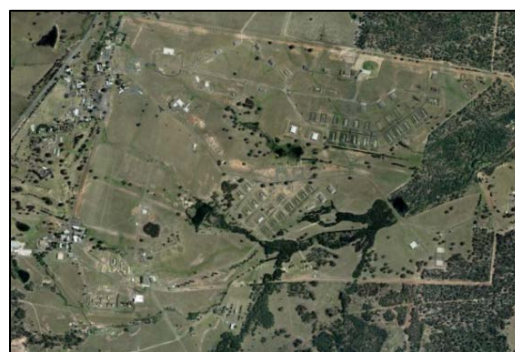
Base Address	Mulgoa, New South Wales
Base Established	1940s
Region	Northern New South Wales
Date of Last Data Review	May 2016



Description

Defence Establishment Orchard Hills is an ammunition depot located approximately 50 kilometres west of central Sydney. The property is approximately 1740 hectares, the majority of which provides a buffer zone for the safe storage of explosives.

The property facilities also provide for the training in the safe handling and storage of munitions.



Base Activities

Activities includes munitions storage, the use of weapon ranges, firing ranges, fire fighting training areas, fuel storage and distribution from above ground and underground storage tanks.

The property also contains a sewage treatment plant (STP). Two historical landfills exist, containing non-putrescible refuse, including building rubble and asbestos containing materials.

Contamination Information

Known Contamination

Known contamination at the property is limited to elevated heavy metal, nutrient, and bacterial contamination from water discharging from the STP.

Risk Assessment

Potential risks from known contamination have been identified on the property. These risks are actively managed by Defence to ensure that impacts to human health and the environment are minimised.

Current Status

Stage 1 desktop investigations and Stage 2 intrusive investigations, including assessment of soil and groundwater quality have been completed for the property.

Defence will conduct further works including geophysical survey of the buried waste areas to better define the extent of landfills and remediation of the rifle range, as required.





Australian Government
Department of Defence

Other Information

For further information, contact Department of Defence at yourcustomer.service@defence.gov.au.

For further information on per- and poly-fluoroalkyl substances (PFAS), refer to <http://www.defence.gov.au/Environment/PFAS/>.

