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Project 86415.04
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Attention: Thomas Lay

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Proposed Commercial Development
2-6 Hassall Street, Parramatta
PFAS Assessment

This letter report has been prepared to respond to the NSW EPA's input on the State Significant Development, Western Sydney University – Innovation Hub at the above address (the site) in their letter (DOC19/427685) dated 4 June 2019. This letter specifically addresses Recommendation 2.1 of EPA's letter which states: *The SAS should also directly address the adequacy of the assessment of the potential for PFAS contamination given the sites locality to a Defence Facility.*

Douglas Partners Pty Ltd (DP) considers that there is only a low risk of PFAS contamination at the site, sourced from the adjoining army barracks, for the following reasons:

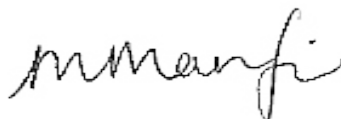
- Correspondence from Department of Defence (dated 2013) lists the site as having been a barracks since about 1820. As such, the activities likely to have occurred at the site are not those potentially resulting in PFAS contamination. A copy of the correspondence is attached;
- The groundwater flow direction inferred at the site, and also in nearby sites investigated by DP (e.g. public school) is to the north-east, hence the site is at best cross hydraulic gradient from the barracks; and
- Testing of groundwater at a site to the north of the barracks recently found either non-detect PFAS, or PFAS at the laboratory detection limit.

Please contact the undersigned if you have any questions on this matter.

Yours faithfully

Douglas Partners Pty Ltd

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Joel James-Hall
Environmental Engineer

Reviewed by



Paul Gorman
Principal

Attachment: Defence Letter



LANCER BARRACKS, PARRAMATTA, NEW SOUTH WALES

Base Address	Parramatta, NSW
Base Age	1820's
Region	Sydney Central
Date of Last Data Review	December 2012



Description

Lancer Barracks is a one hectare site located approximately 20 kilometres west of central Sydney. The Barracks were built between 1818 and 1820 to house the British troops who garrisoned the then colony of New South Wales. The Barracks are the oldest continuously operating military facility in Australia.

The 1st/15th Royal New South Wales Lancers (a current Australian Army Reserve Light Cavalry (Reconnaissance) Regiment), is currently based at Lancer Barracks.



Base Activities

Activities carried out at the barracks are relatively benign in terms of environmental contamination; however the base does contain a chemical storage compound and once contained two above ground tanks that were used to store diesel and waste oil. The two above ground storage tanks are no longer used.

Contamination Information

Known Contamination

No known contamination exists on the site.

Risk Assessment Rating

This site is part of an ongoing assessment and management process being run by Defence and information relating to risk will be updated once further assessments are completed.

