



Holsworthy Barracks

Factsheet - Ongoing Monitoring Report October 2022 - September 2023

Defence monitors per- and poly-fluoroalkyl substances (PFAS) in water on and around Holsworthy Barracks to understand movement and concentrations in water. Defence started monitoring on and around Holsworthy Barracks in 2020. The monitoring results inform PFAS management and remediation activities. Monitoring requirements are set out in an Ongoing Monitoring Plan.

What is an Ongoing Monitoring Report?

An Ongoing Monitoring Report collates and interprets PFAS results from the sampling done in accordance with the Ongoing Monitoring Plan.

Ongoing Monitoring Report October 2022 - September 2023

This report covers groundwater and surface water sampling conducted between October 2022 and September 2023 from locations on and around Holsworthy Barracks. The report also compares the results from the latest sampling event to previous results.

What does the Ongoing Monitoring Report tell us?

The sampling results from the Ongoing Monitoring Report do not suggest a change in any potential exposure risks for the community.

Concentrations of PFAS in groundwater and surface water were as expected or consistent with previous results with the exception of higher PFAS concentrations recorded at the Liverpool Fire Station, (a known PFAS source area). It is understood that PFAS concentrations in this area, particularly in shallow groundwater, are influenced by rainfall. Above average rainfall was observed at the end of the previous monitoring period likely resulting in movement of PFAS from soil to groundwater.

Number of samples collected and analysed (October 2022– September 2023)

GROUNDWATER



Groundwater is water beneath the earth's surface. It often supplies bores, wells or springs.

82 samples collected from 23 groundwater monitoring locations.

SURFACE WATER



Surface water is water that collects on the ground and can be in the form of creeks, rivers, lakes, wetlands, oceans and more.

42 samples collected from 17 surface water locations.

Precautionary advice

The NSW Government has issued precautionary advice for the consumption of certain fish species caught from the Georges River. For further information, please refer to the NSW Department of Primary Industries website. <https://www.dpi.nsw.gov.au/biosecurity/pfas-response>

Next steps

Defence will continue to manage, remediate and monitor PFAS contamination on and around Holsworthy Barracks. Further monitoring will help Defence to understand any changes in PFAS concentrations that occur over time and inform Defence if there are changes in risks and subsequent management actions.

This Ongoing Monitoring Report and all other reports and factsheets prepared for Holsworthy Barracks are available on the Defence website (see page 3).



AECOM



Legend

- Site Boundary
- Primary Source Area
- Groundwater Sampling Location
- Surface Water Sampling Location

Note that sampling locations MM119, MM19P, MM129, MM130, MM131, MM133, MM134 and MM136 are not shown due to privacy considerations



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Figure 1 Holsworthy Barracks Monitoring Locations



Keeping you informed

Defence will continue to keep the community informed about the management and ongoing monitoring of PFAS on and around Holsworthy Barracks.

Read the full Holsworthy Barracks Ongoing Monitoring Report

Scan the QR code here



Or, use the link below to access the Ongoing Monitoring Report:

<https://www.defence.gov.au/about/locations-property/pfas/pfas-management-sites/holsworthy-barracks>

Translating and Interpreting Service (TIS National)



For translation assistance, TIS National can supply telephone or on-site interpreting. The service is accessible from anywhere in Australia for the cost of a local and is available 24 hours a day.

<https://www.tisnational.gov.au/>

Looking for more information?



Scan this QR code for more information on how Defence manages PFAS contamination:



<https://www.defence.gov.au/about/locations-property/pfas/defence-approach>

Alternatively, you can contact:



1800 333 362



pfas.enquiry@defence.gov.au

Media enquiries



Direct media enquiries to the Defence media centre on media@defence.gov.au