



2025 Ongoing Monitoring Report

Jervis Bay Range Facility and HMAS *Creswell*

KEY POINTS

- Defence undertakes monitoring on and around Jervis Bay Range Facility and HMAS *Creswell* to understand per- and poly-fluoroalkyl substances (PFAS) movement and concentrations in groundwater, surface water, sediment and tank water.
- Monitoring results inform PFAS management and remediation activities.
- Defence started ongoing monitoring in 2021.
- The Ongoing Monitoring Reports are available on the Defence website.
- The PFAS exposure risks to people and the environment on and around Jervis Bay Range Facility and HMAS *Creswell* remains unchanged.

What is an Ongoing Monitoring Report?

An Ongoing Monitoring Report collates and interprets PFAS sampling results collected as part of the Ongoing Monitoring Plan.

The Ongoing Monitoring Plan outlines what Defence is sampling (e.g. water and sediment), where the sampling will take place, and how often.

This ensures Defence maintains an up-to-date understanding of risk that the community may be exposed to from PFAS coming from the bases. This understanding helps us work out the best way to minimise that risk.

Next steps

Over the next 12 months Defence will:

- continue monitoring to further understand any changes in PFAS concentrations;
- continue to keep the community informed about the management and ongoing monitoring of PFAS on and around JBRF and HMAS *Creswell*.

Background

The Ongoing Monitoring Report covers groundwater, surface water, sediment and tank water sampling undertaken between November 2024 – October 2025, from locations on and around Jervis Bay Range Facility (JBRF) and HMAS *Creswell*. The reports also compare the results of recent sampling data to older data collected since 2017.

What do the Ongoing Monitoring Reports tell us?

- The levels of per- and poly- fluoroalkyl (PFAS) contamination in groundwater, surface water and sediment in creeks, and tank water have been generally consistent.
- PFAS levels in sediment within the Clay Pools (located west of JBRF) remain above historical results. Defence understands that sediment within these pools is not currently consumed or used for ceremonial purposes.
- There is no change to the potential exposure risks to people and the environment.

Precautionary advice

The Department of Infrastructure, Transport, Regional Development, Communications Sport and the Arts (DITRDCA) has issued precautionary advice for users of waterways in the Jervis Bay Territory. The precautionary advice is that Mary Creek is closed for all use and that the collection and eating of seafood from Summercloud Creek, Flat Rock Creek and Captains Lagoon should be avoided. For more information on precautionary advice, please refer to the DITRDCA website: [Precautionary signage regarding PFAS | DITRDCA](#)

Number of samples collected and analysed

Groundwater	Surface water	Sediment	Tank Water
			
Groundwater is water beneath the earth's surface. It often supplies bores, wells or springs.	Surface water is water that collects on the ground and can be in the form of creeks, rivers, lakes, wetlands, oceans and more.	Biota are the animals and plants within an area such as edible fish and crustaceans.	Recycled Training Tank water is water located on Jervis Bay Range Facility associated with sumps and tanks.
2025 Monitoring Period			
161 samples from 88 locations.	111 samples from 80 locations.	79 samples from 64 locations.	8 samples from 6 tanks.

Further information

A full copy of the Ongoing Monitoring Report is available on the Defence website at: www.defence.gov.au/about/locations-property/pfas/pfas-management-sites/jervis-bay-range-facility

Contact us



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Scan the QR code to find out more about Defence's PFAS Investigation and Management Program.



