

Defence

How PFAS moves in the environment

THE SOURCE

Legacy firefighting foam used for training and to extinguish liquid fuel fires

Groundwater Table

PFAS INVESTIGATION AND MANAGEMENT PROGRAM







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HMAS Cerberus program timeline



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Remediation at HMAS Cerberus



Aim of remediation is to minimise PFAS leaving the base by focusing on source areas.



In February 2021, Defence began remediating the site of the former fire training ground.



Remediation involved placing 15,000m3 of PFAS-impacted soil and concrete into a containment cell on base.



The containment cell was constructed with a base liner, capping layer and leachate collection system.



In April 2023, Defence completed the remediation actions from the HMAS Cerberus management area plan.



Monitoring of PFAS on and around HMAS Cerberus will continue.

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Remediation of the former fire training ground



Containment cell at HMAS Cerberus





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Management area and source areas



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- disposed of.

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PFAS source areas are found where firefighting foams were previously used, stored or

 The detailed site investigation in 2018 identified seven source areas, including 6 low risk source areas where remediation was deemed not practicable.

The site of the former fire training ground was identified as having a higher concentration of PFAS. This area has been the focus of remediation activities.

• At HMAS *Cerberus*, PFAS mainly moves off the base via groundwater and surface water discharge into surrounding tidal creeks and ultimately Hanns Inlet.



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Groundwater sampling locations and latest results



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Surface water sampling locations and latest results



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Future steps at HMAS Cerberus

- remain in surface water, the human health risk is low.
- the Defence website.
- *Cerberus*, with the next sampling to occur in November 2024.

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Defence has completed the remediation actions set out in the management plan.

It is not possible to remove all PFAS from the environment. While low levels of PFAS

A Technical Advisor will complete an independent evaluation of completed actions to determine that remediation has been completed to the extent practicable. These findings will be documented in a remediation determination report. This report will be published on

Defence will continue monitoring surface water and groundwater on and around HMAS

Defence will implement a long term management plan for HMAS Cerberus that outlines the approach for how Defence will continue to manage PFAS on and around the base.



