



Robertson Barracks

2021 Annual Interpretive Report

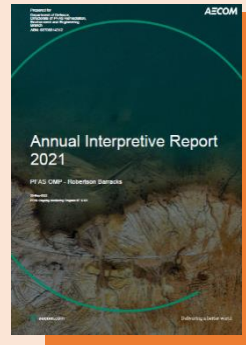
In August 2018, Defence completed an environmental investigation to better understand the nature and extent of per- and poly-fluoroalkyl substances (PFAS) contamination on and around Robertson Barracks (Barracks). The outcomes of the investigation were used to develop a PFAS Management Area Plan (PMAP). The PMAP outlined how Defence would manage and remediate potential PFAS exposure risks. This is done by measuring any changes in PFAS concentrations in groundwater and surface water through the Ongoing Monitoring Plan (OMP).

What is an Annual Interpretive Report (AIR)?

The Annual Interpretive Report (AIR) reports on and interprets the samples taken across a monitoring period as part of the PFAS OMP.

In the AIR, we use this information to assess whether it changes our understanding of the nature and extent of PFAS contamination in the area.




Robertson has had one previous AIR (for 2020) and we will continue to prepare Interpretive Reports on monitoring rounds completed in 2022 and onwards.



The 2021 Robertson Barracks AIR

This AIR covers groundwater, surface water and sediment sampling conducted between November 2020 and April 2021, from locations on and around the Barracks. The AIR also compares the results of the new sampling to previous results.

Number of samples collected and analysed

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|--|---|
| Groundwater  | 34 samples collected from 18 groundwater monitoring wells |
| Surface Water  | 14 samples collected from 9 surface water locations |
| Sediment  | 9 samples collected from 9 co-located surface water locations |

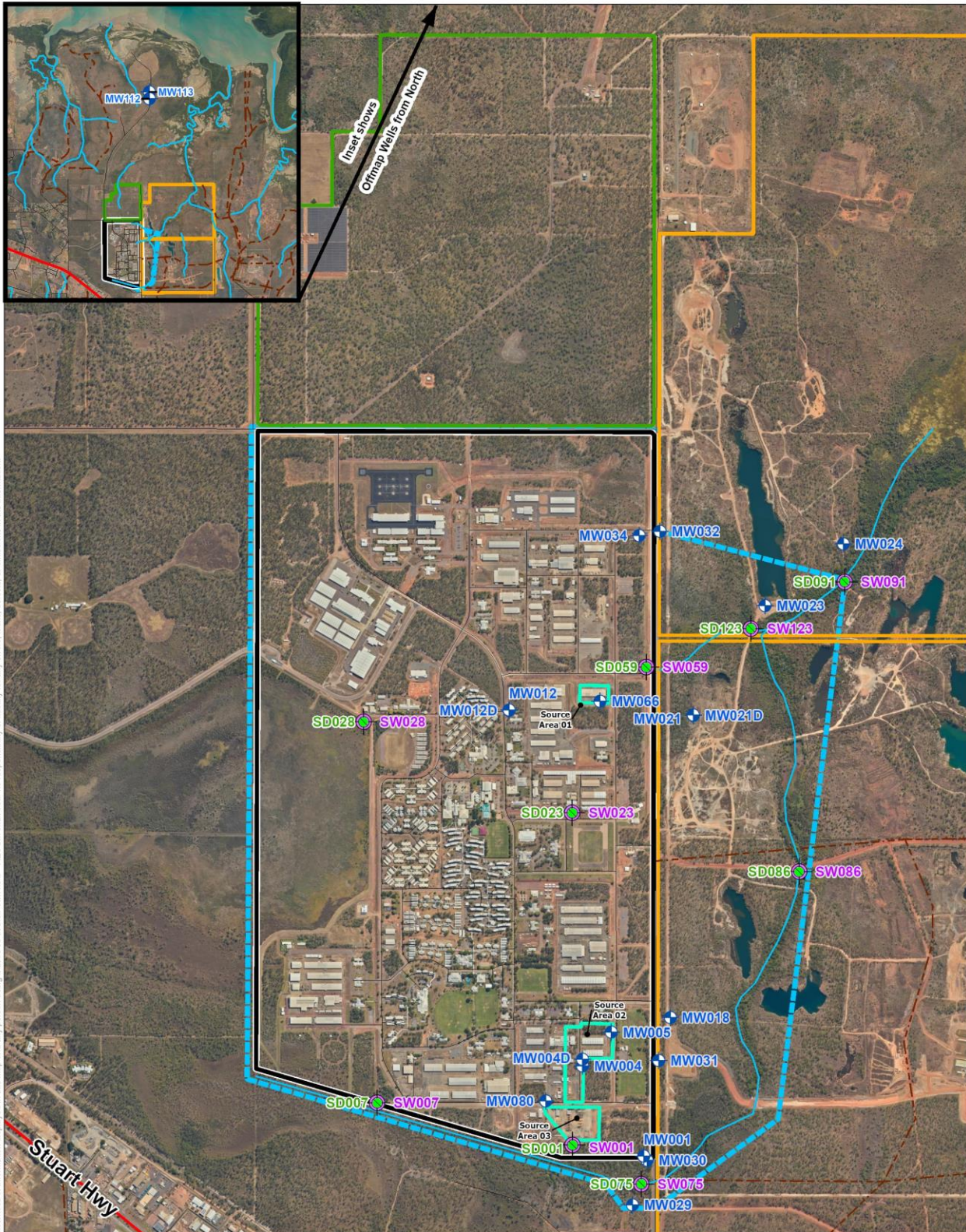
What does the 2021 AIR tell us?

Based on the samples collected and analysed on and around the Barracks we found that the levels of PFAS contamination within the Monitoring Area is similar to previous results from sampling between 2017 and 2020.

Monitoring identified some increased PFAS concentrations in on-base groundwater however PFAS concentrations in off-base groundwater, and both on- and off-base surface water and sediment samples were generally consistent with previous results.

We will continue to monitor to identify any trends that may appear over time.

The AIR findings **do not suggest a change in any potential exposure risks** outlined in the PMAP here: <https://www.defence.gov.au/about/locations-property/pfas/pfas-management-sites/robertson-barracks>



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| <p>DATUM: GDA 1994, PROJECTION: MGA ZONE 52</p> <p>0 100 200 400 600 800 Meters</p> <p>1:20,000 (when printed at A4)</p> | <p>AECOM www.aecom.com</p> <p>LEGEND</p> <ul style="list-style-type: none"> Robertson Barracks Close Training Area Marksmanship Training Range Source Area Monitoring Area Watercourse Highway Road Track + Groundwater Monitoring Locations + Surface Water Monitoring Locations + Sediment Monitoring Locations | <p>Department of Defence ROBERTSON BARRACKS PFAS ONGOING MONITORING PROGRAM 2021 ANNUAL INTERPRETIVE REPORT FACT SHEET</p> <p style="text-align: center;">Planned Sampling Locations</p> | |
| | | <p>PROJECT ID: 60612591 CREATED BY: ROB MCGREGOR LAST MODIFIED: ROB MCGREGOR - 10 NOV 2023 VERSION: 1</p> <p>Data sources: Base data NT Gov 2022 GW data AECOM 2022</p> | <p>Figure 1</p> |

Figure 1
Robertson Barracks Monitoring Locations



Keeping you informed and engaged

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

Read the full 2021 Robertson Barracks AIR



Scan the QR code here



Or, use the link below to access the AIR:

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

Translating and Interpreting Service (TIS) National



For translation assistance, TIS National can supply telephone or no-site interpreting. The service is accessible from anywhere in Australia for the cost of a local call and is available 24 hours a day.

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

Looking for more information?



Further information on Defence's response to PFAS contamination:



www.defence.gov.au/PFAS

Or, you can contact:



1800 365 414



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Media enquiries



Direct media enquiries to the Defence media centre on
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