



RAAF Base Amberley

Ongoing Monitoring Report March 2021 – May 2023

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

What is an Ongoing Monitoring Report?

An Ongoing Monitoring Report collates and interprets PFAS sampling results from the Ongoing Monitoring Plan.

Ongoing Monitoring Report (March 2021 – May 2023)

This report covers groundwater, surface water and sediment sampling conducted between March 2021 and May 2023, from locations on and around RAAF Base Amberley. The Ongoing Monitoring Report also compares the results of the recent sampling to the previous results.

What does the monitoring tell us?

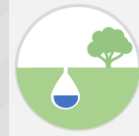
Based on the samples collected on and around RAAF Base Amberley, the monitoring identified:

- Highest concentrations of PFAS were at known, on-base source areas such as Former Fire Training Areas.
- Slight increases were recorded in several groundwater locations along the base boundary. Defence will continue to monitor these locations to identify any trends that may appear over time.
- PFAS concentrations in surface water and sediment were consistent with previous results.
- Some uncertainties were identified regarding the extent of PFAS in groundwater. Defence are repairing and replacing monitoring wells to further improve the monitoring network.

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

Number of samples collected and analysed (March 2021 – May 2023)

GROUNDWATER



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

194 samples collected from 40 groundwater monitoring locations.

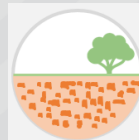
SURFACE WATER



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

236 samples collected from 49 surface water locations.

SEDIMENT



Sediment is made of broken down remains of rocks, minerals, plants, and animals that is moved and deposited to a new location.

241 samples collected from 49 sediment locations.

Precautionary advice

The Queensland Government has issued precautionary advice for the Bremer River and Warrill Creek adjacent to RAAF Base Amberley and the Swanbank Lake, Oaky Creek and Bundamba Creek in the surrounding area. For further information, please refer to the Queensland Government website: <https://www.qld.gov.au/environment/management/environmental/incidents/pfas/sites/ipswich>

Next steps

Defence will continue monitoring on and around RAAF Base Amberley to further understand any changes in PFAS concentrations that may appear over time. This ongoing monitoring report and all other reports and factsheets prepared for RAAF Base Amberley are available on the Defence website (see page 3).

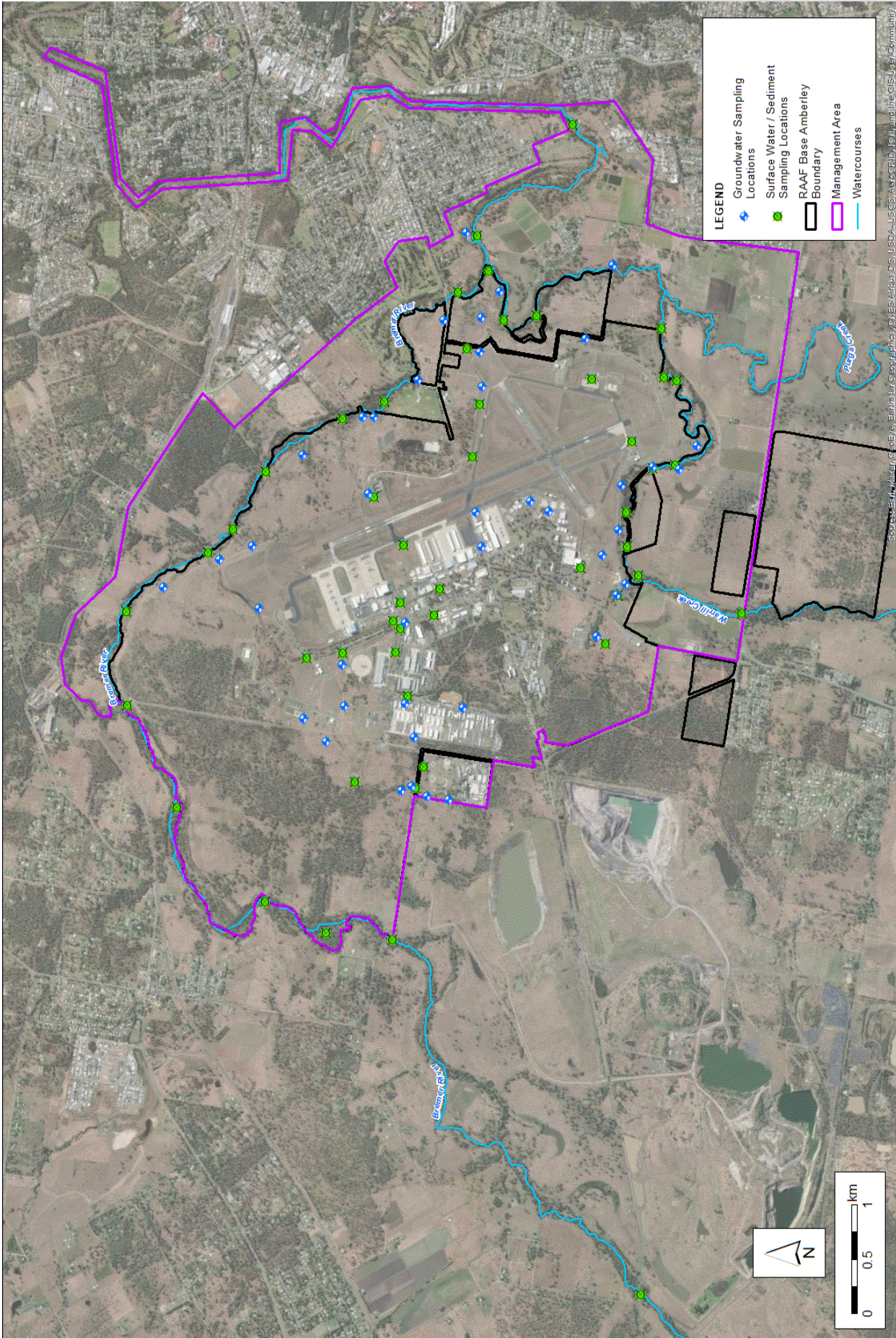


Figure 1
RAAF Base Amberley PFAS Monitoring Locations



Keeping you informed

Defence will continue to keep the community informed about the management and ongoing monitoring of PFAS on and around RAAF Base Amberley.

Read the full RAAF Base Amberley 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/raaf-base-amberley>

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 (02) 6217 1999 or media@defence.gov.au