



RAAF Base Darwin

Ongoing Monitoring Report (June 2023 – April 2024)

Defence undertakes monitoring on and around RAAF Base Darwin to understand per- and poly-fluoroalkyl substances (PFAS) movement and concentrations in groundwater, surface water and biota. 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 Darwin in 2019.

What is an Ongoing Monitoring Report?

An ongoing monitoring report collates and interprets PFAS sampling results from the ongoing monitoring plan.

Ongoing Monitoring Report (June 2023 – April 2024)

This report covers groundwater, surface water and biota sampling conducted between June 2023 to April 2024, from locations on and around RAAF Base Darwin. The ongoing monitoring report also compares the results of the new sampling to previous results.

What does the Ongoing Monitoring Report tell us?

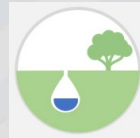
Based on the samples collected on and around RAAF Base Darwin, the levels of PFAS contamination were consistent with previous data, with concentrations in groundwater stabilised and in some cases decreasing.

The highest concentrations of PFAS were observed at the three source areas planned for remediation in 2024-2025. The findings of the ongoing monitoring report **do not** suggest a change in any potential exposure risks for the community.

The ongoing monitoring report and all other reports and factsheets prepared for RAAF Base Darwin are available on the Defence website (see page 3).

Number of samples collected and analysed

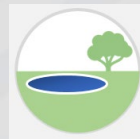
GROUNDWATER



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

55 samples collected from 60 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.

47 samples collected from 6 surface water locations.

BIOTA



Biota is the animals and plants within a particular area such as edible fish, crustaceans and molluscs.

60 samples collected from 4 locations around Rapid Creek and Ludmilla Creek.

Refer to the map on page 2 for groundwater sampling locations and results.

Precautionary advice

Northern Territory (NT) Health has issued precautionary dietary advice for frequent consumption of wild caught fish, shellfish and crustaceans from Ludmilla and Rapid Creeks. For further information, please refer to the 'Fishing in Darwin creeks' fact sheet via: [PFAS | NTEPA](#).

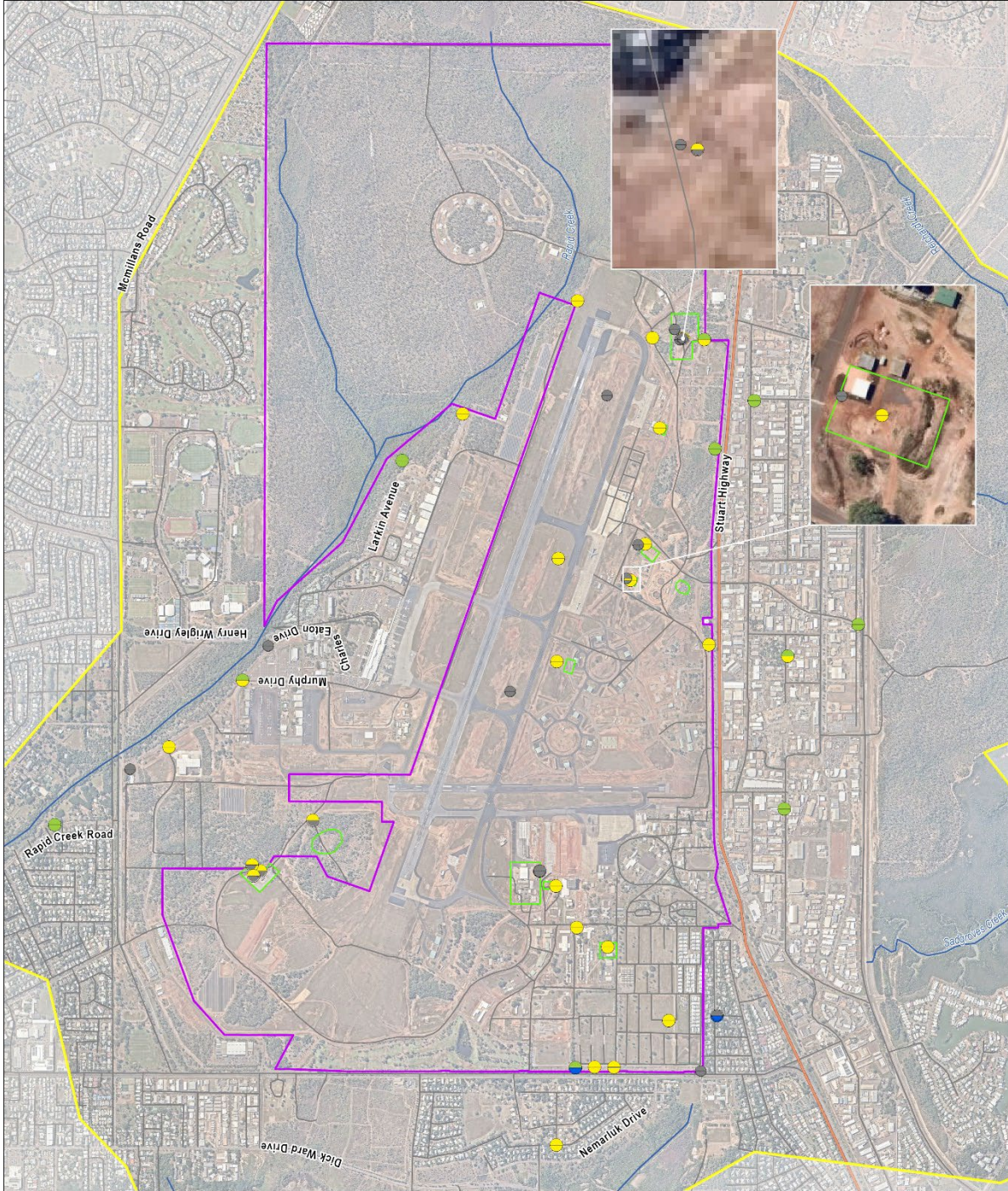
Next steps

Defence will continue monitoring groundwater, surface water and biota on and around RAAF Base Darwin to understand any changes in PFAS concentrations that may appear over time.



LEGEND

- Stuart Highway
- Creek
- Base boundary
- Management Area
- PFAS source area
- Sampled in dry season (2023)
- Sampled in wet season (2024)
- Below drinking water guidelines
- Below recreational guidelines
- Exceeds drinking water and recreational water guidelines
- Not sampled



RAAF Base Darwin
Sampling results for 2023 dry season and 2024 wet season



Keeping you informed

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

Read the full RAAF Base Darwin Ongoing Monitoring Report



Scan the QR code below:



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

www.defence.gov.au/about/locations-property/pfas/pfas-management-sites/raaf-base-darwin

Translating and Interpreting Service (TIS National)



For translation assistance, TIS National provides interpreting services 24 hours a day via telephone from anywhere in Australia for the cost of a local call.

For more information contact 131 450 or visit: www.tisnational.gov.au/

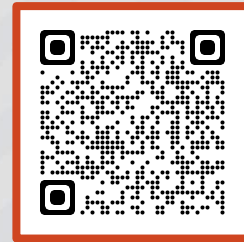
**Calls from mobile phones may attract a higher rate*

Looking for more information?



Scan the QR code below to find out more about Defence's PFAS Investigation and Management program or visit:

www.defence.gov.au/pfas/



Alternatively, you can contact:



1800 333 362



pfas.enquiry@defence.gov.au

Media enquiries



Media enquiries should be directed to Defence Media via email at:

media@defence.gov.au