



## RAAF Base Townsville

### Ongoing Monitoring Report (June 2023 – March 2024)

Defence monitors on and around RAAF Base Townsville to understand per- and poly-fluoroalkyl substances (PFAS) movement and concentrations in soil 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 Townsville 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

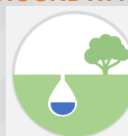

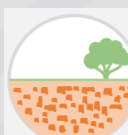
This report covers groundwater, surface water and sediment sampling conducted between June 2023 to March 2024 with rain event sampling completed in January 2024, from locations on and around RAAF Base Townsville.

#### What does the Report tell us?

The findings from the Ongoing Monitoring Report **do not** suggest a change in any potential exposure risks for the community. Based on the samples collected during the monitoring period:

- PFAS concentrations in groundwater were relatively stable and consistent with historical results.
- The overall PFAS plume extent has remained consistent with historical results.
- PFAS concentrations in surface water and sediment samples were mostly consistent with historical results with some increasing concentrations requiring continued seasonal monitoring to identify trends.

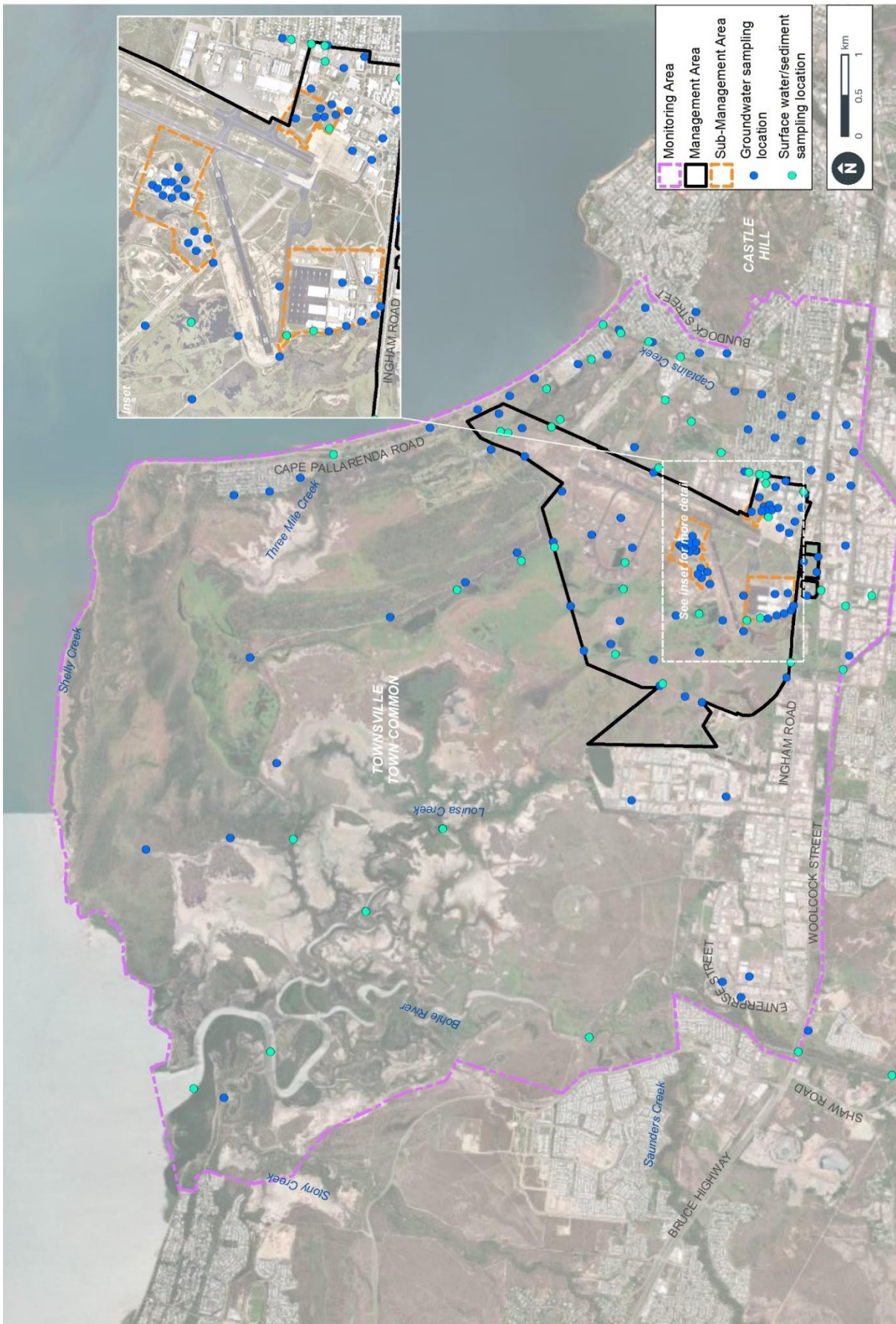
#### Number of samples collected and analysed (June 2023 – March 2024)

<p><b>GROUNDWATER</b></p> 	<p>Groundwater is water beneath the earth's surface. It often supplies bores, wells or springs.</p>	<p>183 samples collected from 105 groundwater monitoring locations.</p>
<p><b>SURFACE WATER</b></p> 	<p>Surface water is water that collects on the ground and can be in the form of creeks, rivers, lakes, wetlands, oceans and more.</p>	<p>167 samples collected from 42 surface water locations.</p>
<p><b>SEDIMENT</b></p> 	<p>Sediment is made of broken down remains of rocks, minerals, plants, and animals that is moved and deposited to a new location.</p>	<p>78 samples collected from 42 sediment locations.</p>

#### Next steps

Defence will continue to manage PFAS contamination on and around RAAF Base Townsville by remediating, managing and monitoring.

This Ongoing Monitoring Report and all other reports and factsheets prepared for RAAF Base Townsville are available on the Defence website (see page 3).



**Figure 1**  
**RAAF Base Townsville 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 Townsville.

### Read the full RAAF Base Townsville Ongoing Monitoring Report

Scan the QR code here



Or, use the link below to access the Ongoing Monitoring Report:  
[www.defence.gov.au/about/locations-property/pfas/pfas-management-sites/raaf-base-townsville](https://www.defence.gov.au/about/locations-property/pfas/pfas-management-sites/raaf-base-townsville)

### 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](mailto:pfas.enquiry@defence.gov.au)

### Media enquiries



Direct media enquiries to Defence media on  
[media@defence.gov.au](mailto:media@defence.gov.au)