



RAAF Base Edinburgh Ongoing Monitoring Report 2022

Defence undertakes monitoring on and around RAAF Base Edinburgh to understand per- and poly-fluoroalkyl substances (PFAS) movement and concentrations in 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 Edinburgh 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 (January 2022 – July 2022)

This Report covers groundwater and surface water sampling conducted between January 2022 and July 2022, from locations on and around RAAF Base Edinburgh. The Ongoing Monitoring Report also compares the results of this monitoring period to previous results.

What does the Ongoing Monitoring Report tell us?

Based on the samples collected the following was concluded:

- The highest concentrations of PFAS in groundwater and surface water are associated with on-base PFAS source areas.
- PFAS concentrations for groundwater and surface water at off-base locations were generally consistent with historical results and were lower than those observed on-base.
- In 2022 an off-base groundwater monitoring well located on Bolivar Rd reported a new exceedance of drinking water criteria. There is no change to risk as use of groundwater at and around this well, for drinking water purposes is.

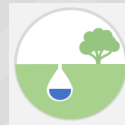
Prohibited.

- In January/ February 2022, there was no rainfall or insufficient rainfall to conduct surface water sampling.
- The PFAS plume remains stable.

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

GROUNDWATER



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

209 samples collected from 105 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.

20 samples collected from 21 surface water locations.

Precautionary advice

The South Australian Environment Protection Authority (EPA) has established a groundwater prohibition area between the RAAF Base Edinburgh precinct to the Barker Inlet, to prevent residents from accessing contaminated groundwater. The aim of the groundwater prohibition area is to protect current and future residents from accessing contaminated groundwater via a bore on their property. For further information, please refer to the EPA's website by visiting: <https://engage.epa.sa.gov.au/edinburgh>

Next steps

Defence will continue monitoring on and around RAAF Base Edinburgh to further understand any changes in PFAS concentrations that may appear over time. This Ongoing Monitoring Report, all other reports and factsheets for RAAF Base Edinburgh are available on the Defence website.

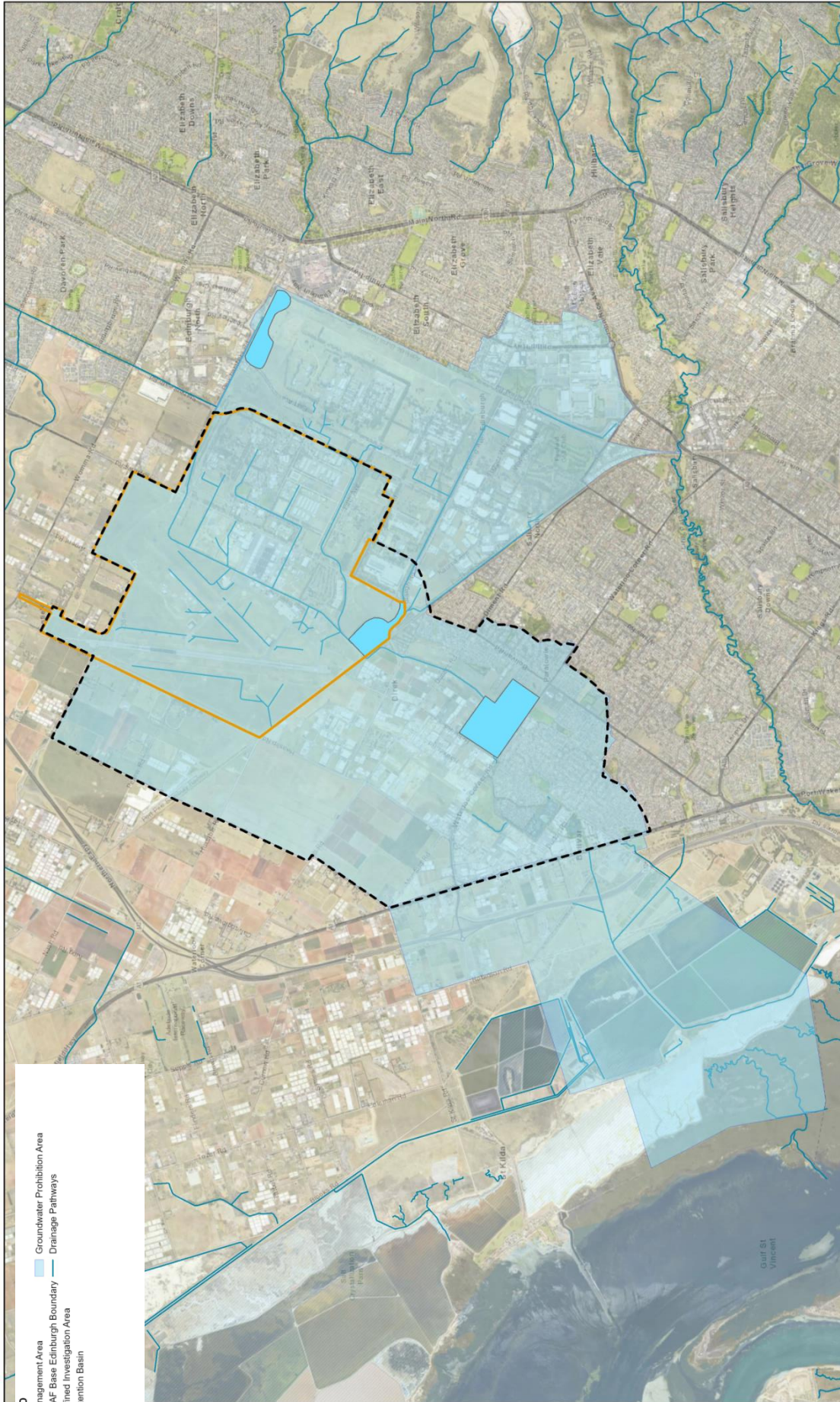


Figure 1
RAAF Base Edinburgh Monitoring Locations



Keeping you informed

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

Read the full RAAF Base Edinburgh 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-edinburgh

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