



RAAF Base Edinburgh

Ongoing Monitoring Report January – October 2023

Defence monitors on and around RAAF Base Edinburgh to understand per- and poly-fluoroalkyl substances (PFAS) movement and concentrations in groundwater and surface 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 2023 – October 2023)

This Report covers groundwater and surface water sampling conducted between January 2023 and October 2023, 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:

- PFAS concentrations for groundwater were consistent with historical results.
- Groundwater depths showed minor differences between seasons at most monitoring locations (higher in wet season, lower in dry season).
- PFAS concentrations for surface water were consistent with historical results, and below the recreational water quality guidelines.

Number of samples collected (January 2023 – October 2023)

GROUNDWATER



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

210 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, and wetlands.

30 samples collected from 21 surface water locations.

Groundwater prohibition area and 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 accessing and using contaminated groundwater. Please see the EPA's website for further information:

www.engage.epa.sa.gov.au/edinburgh

The City of Salisbury has advised against consuming fish caught in and around the Karna Park Wetlands.





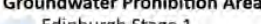
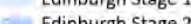
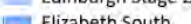

Next steps

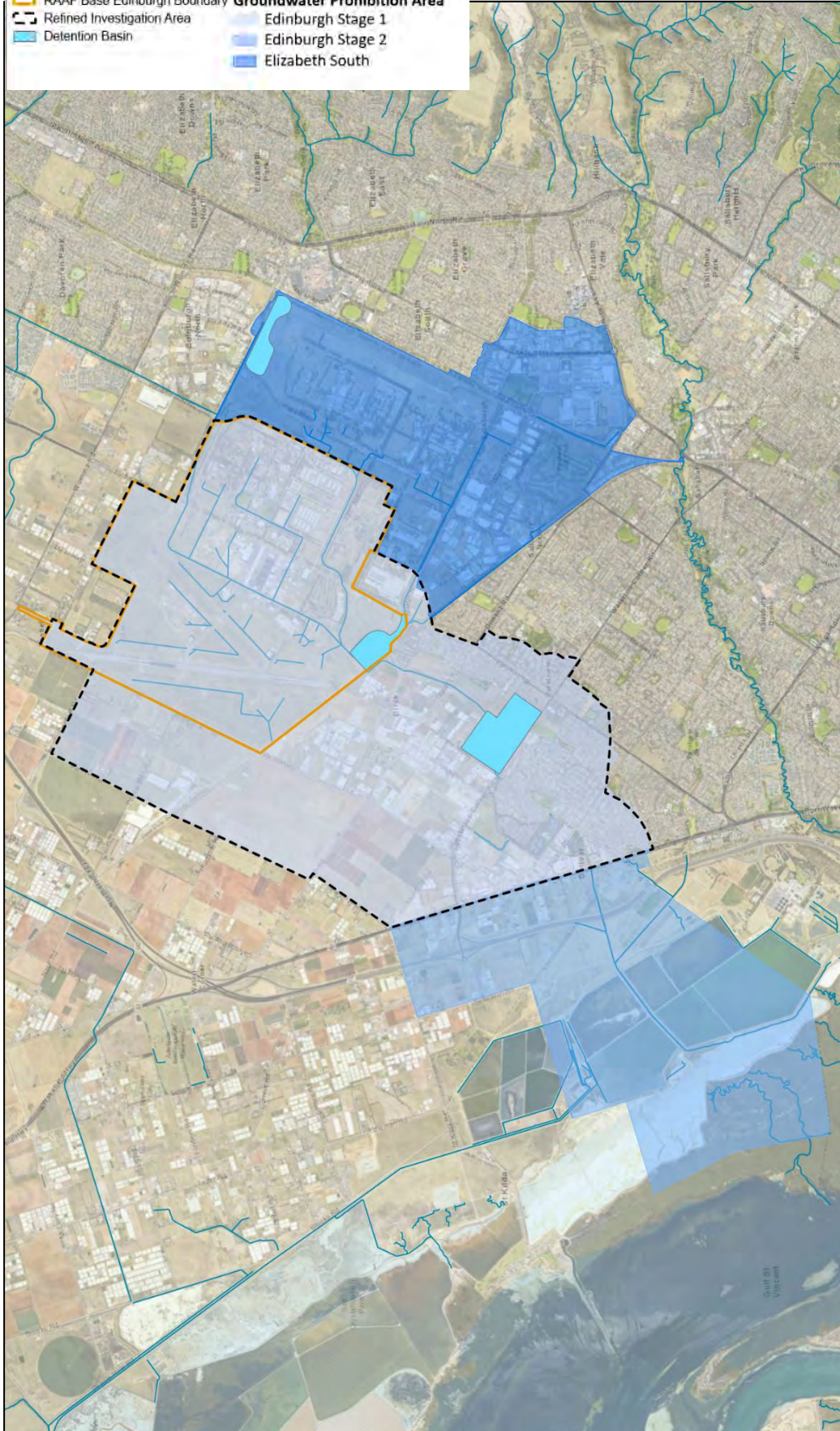
Defence will continue monitoring on and around RAAF Base Edinburgh to further understand any changes in PFAS concentrations.

Defence plans to update the PFAS Management Area Plan in late 2024 to describe outcomes of soil and groundwater remedial works and set out other management actions.



LEGEND

-  Management Area
-  RAAF Base Edinburgh Boundary
-  Refined Investigation Area
-  Detention Basin
-  Drainage Pathways
-  Groundwater Prohibition Area
-  Edinburgh Stage 1
-  Edinburgh Stage 2
-  Elizabeth South



RAAF Base Edinburgh Groundwater Prohibition Area



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. The Ongoing Monitoring Report and all other historical reports and factsheets prepared for RAAF Base Edinburgh are available on the Defence website.

Read the full RAAF Base Edinburgh 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-edinburgh

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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 the website: www.defence.gov.au/about/locations-property/pfas



Alternatively, you can contact:



1800 333 362



pfas.enquiry@defence.gov.au

Media enquiries



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