



## RAAF Base Edinburgh

### Ongoing Monitoring Report January – July 2022

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

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:

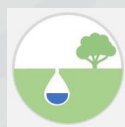
- The highest concentrations of PFAS in groundwater and surface water are associated with on-base PFAS source areas.
- PFAS concentrations for groundwater and surface water at off-base locations were generally consistent with historical results and were lower than those observed on-base.
- In 2022, an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

- In January and 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 (January 2022 – July 2022)

##### 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 and wetlands.

20 samples collected from 21 surface water monitoring locations.

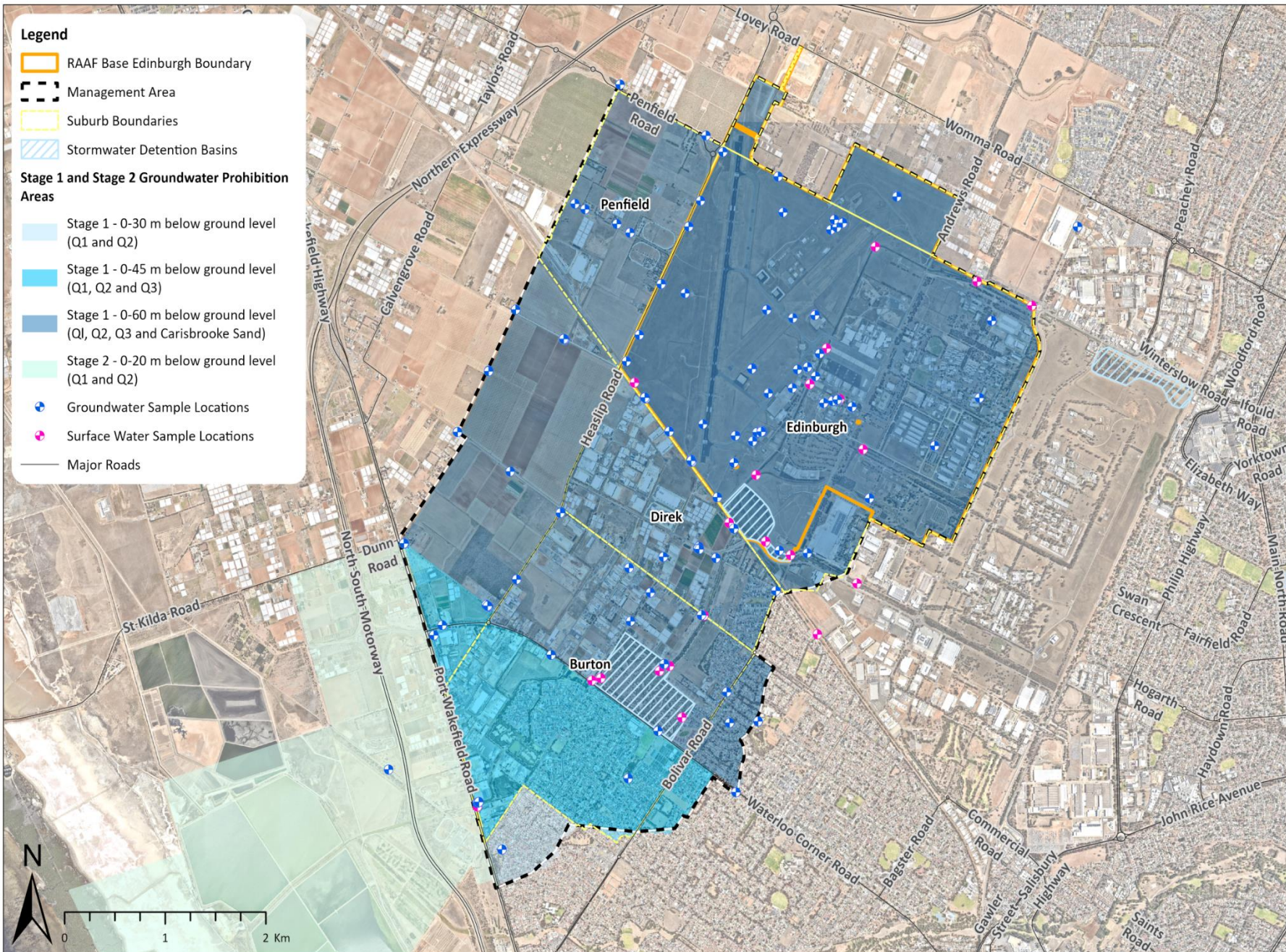
#### Groundwater prohibition area

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 visit the EPA's website at: [www.engage.epa.sa.gov.au/edinburgh](http://www.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.





## 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. 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](http://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/](http://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 at:

[www.defence.gov.au/about/locations-property/pfas/defence-approach](http://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



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[media@defence.gov.au](mailto:media@defence.gov.au)