



## July 2024 – June 2025 Ongoing Monitoring Report Singleton Military Area

### KEY POINTS

- Since 2022, Defence has undertaken monitoring on and around Singleton Military Area to understand per- and polyfluoroalkyl substances (PFAS) movement and concentrations in groundwater, surface water and sediment.
- Monitoring results inform PFAS management activities.
- The July 2024 – June 2025 Ongoing Monitoring Report is available on the Defence website.
- The outcomes of the 2021 Human Health Risk Assessment remain current, being that PFAS exposure risks to people on and off base is generally low and acceptable

### What is an Ongoing Monitoring Report?

An Ongoing Monitoring Report collates and interprets PFAS sampling results from the Ongoing Monitoring Plan.

The Ongoing Monitoring Plan outlines what Defence is sampling (e.g. water, sediment), where the sampling will take place, and how often.

This ensures Defence maintains an up-to-date understanding of any risk that the community may be exposed to from PFAS coming from the base. This understanding helps us work out the best way to minimise that risk.

### Precautionary advice

The NSW Environment Protection Authority may continue to contact property owners that require specific precautionary dietary advice. As a precaution, residents should follow the Australian Government advice about reducing exposure to PFAS. If you have any concerns about your dietary intake, please contact the NSW Environment Protection Authority by calling 131 555 or emailing [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au).

### Background

The Ongoing Monitoring Report covers groundwater, surface water and sediment sampling undertaken between July 2024 – June 2025, from locations on and around Singleton Military Area. The report also compares the results of the new sampling data to data collected since 2018.

### What does the Ongoing Monitoring Report tell us?

The PFAS results from this monitoring period are similar to previous sampling results. The amount of PFAS leaving the base via surface water and groundwater are low.

The outcomes of the 2021 Human Health Risk Assessment remain the same, with PFAS exposure risks to people on and off base generally low and acceptable. Risks do remain potentially elevated for those consuming home grown produce where the source of stock-water is PFAS impacted (e.g., contaminated groundwater). This includes red meat from sheep or cattle, milk from cows, and eggs from backyard poultry that have consumed water containing PFAS or grazed in areas irrigated or flooded by water containing PFAS. For more information, see the Human Health and Ecological Risk Assessment reports on the Defence website.

### Samples collected and analysed

From July 2024 to June 2025, the following samples were collected and analysed for PFAS:

| Groundwater                                                                                                         | Surface water                                                                                                                  | Sediment                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|                                  |                                           |                                           |
| Groundwater is water beneath the surface that accumulates from rainfall. It can be seen in bores, wells or springs. | Surface water is water that collects on the ground and can be in the form of creeks, rivers, lakes, wetlands, oceans and more. | Sediment is made of broken down remains of rocks, minerals, plants, and animals that is moved and deposited to a new location. |
| 29 samples were collected from 26 groundwater monitoring locations.                                                 | 33 samples were collected from 19 surface water locations.                                                                     | 37 samples were collected from 19 sediment locations.                                                                          |

### Next steps

Over the next 12 months Defence will:

- continue routine monitoring to note changes in PFAS concentrations on and around Singleton Military Area.
- continue to keep the community informed about the management and ongoing monitoring of PFAS on and around Singleton Military Area.

### Further information

A full copy of the Ongoing Monitoring Report and other reports and information are available on the Defence website at: [www.defence.gov.au/about/locations-property/pfas/pfas-management-sites/singleton-military-area](http://www.defence.gov.au/about/locations-property/pfas/pfas-management-sites/singleton-military-area)

### Contact us



1800 333 362



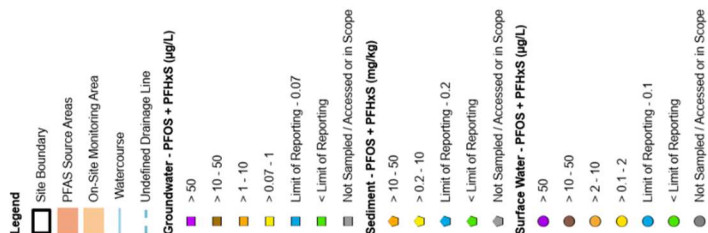
[pfas.enquiry@defence.gov.au](mailto:pfas.enquiry@defence.gov.au)

Scan the QR code to find out more about Defence's PFAS Investigation and Management Program.





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**FIGURE F1:  
SAMPLING ANALYTICAL RESULTS**

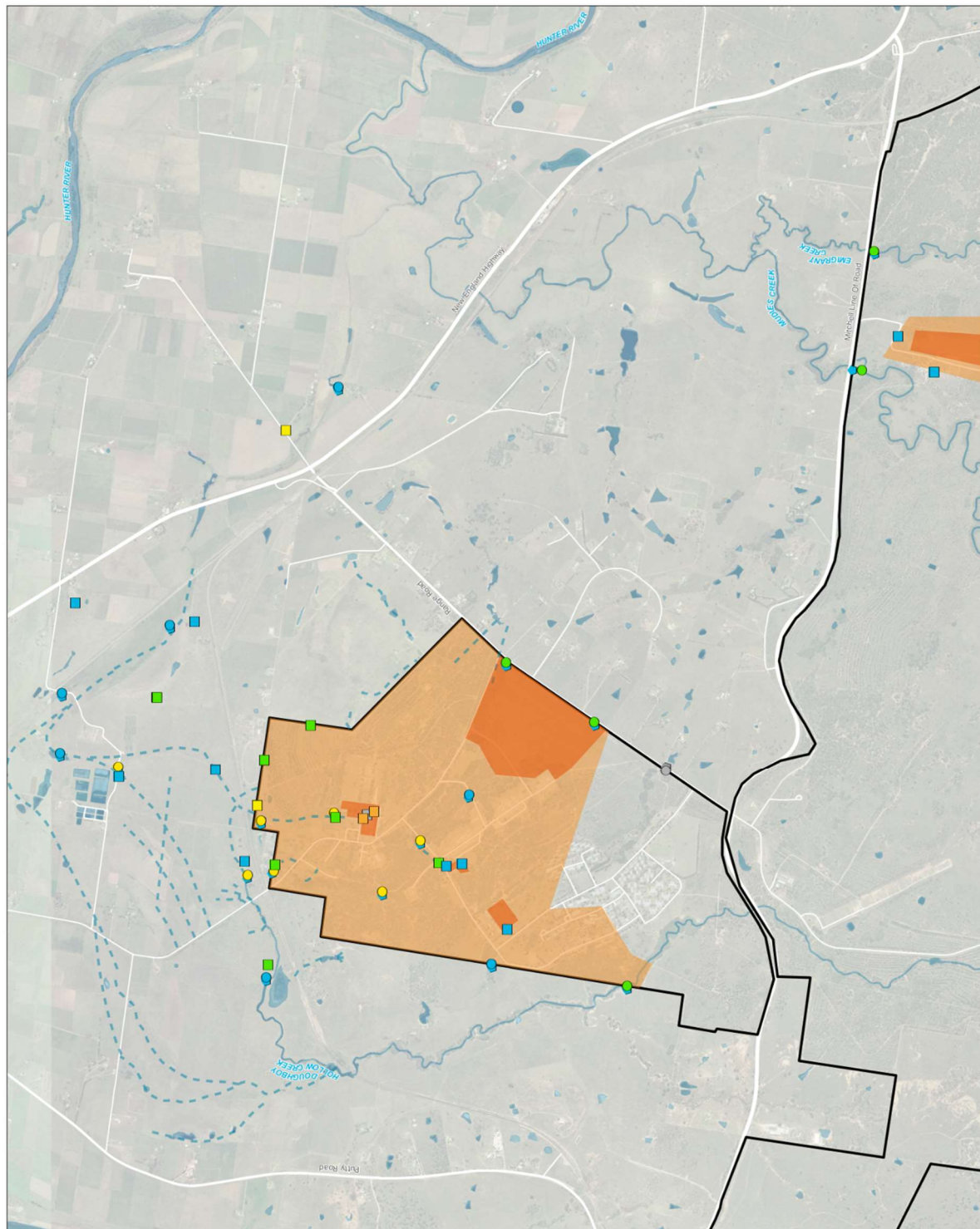
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## Singleton Military Area sampling results