



RAAF Base Learmonth

Ongoing Monitoring Report (November 2022 – October 2023)

Defence monitors on and around RAAF Base Learmonth to understand per- and poly-fluoroalkyl substances (PFAS) movement and concentrations in groundwater, surface water, seepage water and sediment. Monitoring requirements are set out in an Ongoing Monitoring Plan, and monitoring results inform PFAS management activities.

Defence started ongoing monitoring on and around RAAF Base Learmonth in October 2019.

What is an Ongoing Monitoring Report?

An Ongoing Monitoring Report collates and interprets PFAS sampling results from the ongoing monitoring events.

Ongoing Monitoring Report (2023)

This report covers groundwater, surface water, seepage water and sediment sampling conducted between November 2022 and October 2023, from locations on and around RAAF Base Learmonth.

The report compares the results with historical data collected since October 2019.

What does the Ongoing Monitoring Report tell us?

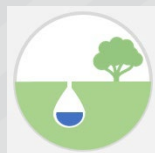
Sampling results indicate that the levels of PFAS contamination in groundwater, surface water, seepage water and sediment were consistent with historical results.

The report findings do not suggest a change in any potential exposure risks outlined in the RAAF Base Learmonth PFAS Management Area Plan.

Defence is continuing to monitor groundwater, surface water, seepage water and sediment in this area to identify any changes over time.

Number of samples collected and analysed November 2022 – October 2023

GROUNDWATER



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

97 samples collected from 49 groundwater monitoring locations.

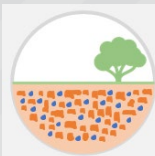
SURFACE WATER



Surface water is water that collects on the ground and can be in the form of creeks, rivers, lakes, wetlands, oceans and more.

24 samples collected from 49 surface water locations.

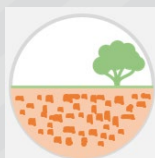
SEEPAGE WATER



Seepage water is groundwater that is moving to the surface (with groundwater flow and tidal effects).

12 samples collected from 6 seepage locations.

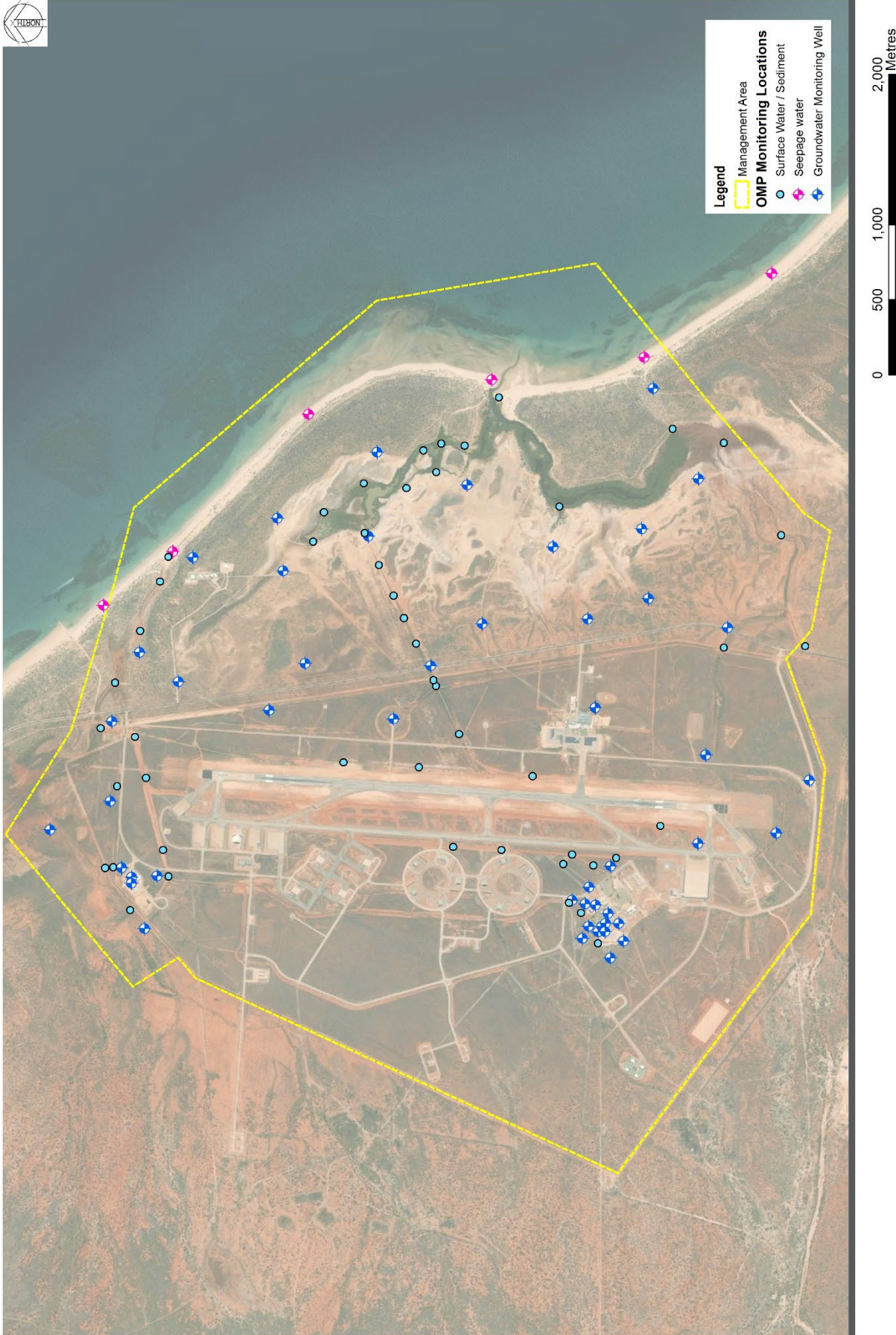
SEDIMENT



Sediment is made of broken down remains of rocks, minerals, plants and animals that is moved and deposited to a new location.

98 samples collected from 49 sediment locations.

Refer to the map of the RAAF Base Learmonth PFAS Management Area below, showing groundwater, surface water, seepage water and sediment sampling locations.



RAAF Base Learmonth PFAS Management Area

Groundwater, surface water, seepage water and sediment monitoring locations



Australian Government
Defence

PFAS INVESTIGATION AND MANAGEMENT PROGRAM

SERVICE
COURAGE
RESPECT
INTEGRITY
EXCELLENCE

Next steps

Defence will continue monitoring groundwater, surface water, seepage water and sediment on and around RAAF Base Learmonth to understand any changes in PFAS concentrations that may appear over time.

Read the full RAAF Base Learmonth 2023 Ongoing Monitoring Report



Scan the QR code below to access the report via the RAAF Base Learmonth webpage:



Or, use the link below to access the Ongoing Monitoring Report:
www.defence.gov.au/about/locations-property/pfas/pfas-management-sites/raaf-base-learmonth

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Keeping you informed

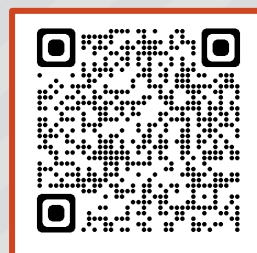
Defence will continue to keep the community informed about the management and ongoing monitoring of PFAS on and around RAAF Base Learmonth.

Looking for more information?



Scan the QR code below to find out more about Defence's PFAS Investigation and Management program or visit:

<https://www.defence.gov.au/about/location-s-property/pfas/defence-approach>



Alternatively, you can contact:



1800 333 362



pfas.enquiry@defence.gov.au

Media enquiries



Media enquiries should be directed to Defence Media via email at:

media@defence.gov.au