



Army Aviation Centre Oakey

Ongoing Monitoring Interpretive Report (October 2021 to November 2022)

Defence undertakes monitoring on and around Army Aviation Centre Oakey to understand per- and poly-fluoroalkyl substances (PFAS) movement and concentrations in soil and 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 Army Aviation Centre Oakey in 2019.

What is an Ongoing Monitoring Report?

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

Ongoing Monitoring Report (October 2021 to November 2022)

This report covers groundwater, surface water and sediment sampling conducted between October 2021 to November 2022, from locations on and around Army Aviation Centre Oakey. The ongoing monitoring report also compares the results of the new sampling to previous results.

What does the Report tell us?

Based on the samples collected on and around Army Aviation Centre Oakey, the levels of PFAS contamination were generally consistent with previous results and identified:

- Highest groundwater PFAS concentrations at known, on-base source areas such as former fire training areas.
- Slight increases occurred at several groundwater sampling locations although increases are within expected variability. These locations will continue to be monitored over time to identify any trends.

- PFAS concentrations in surface water decreased in 2022. This was attributed to increased rainfall and higher surface water flows during the wet season.

The findings from the Ongoing Monitoring Interpretive Report do not suggest a change in any potential exposure risks to the community.

Number of samples collected and analysed (October 2021 to November 2022)

Category	Description	Number of Samples
GROUNDWATER	Groundwater is water beneath the earth's surface. It often supplies bores, wells or springs.	190 samples collected from 97 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.	22 samples collected from 22 surface water locations.
SEDIMENT	Sediment is made of broken down remains of rocks, minerals, plants, and animals that is moved and deposited to a new location.	22 samples collected from 22 sediment locations.

Next steps

Defence will continue monitoring on and around Army Aviation Centre Oakey to further understand any changes in PFAS concentrations that may appear over time. This ongoing monitoring report and all other reports and factsheets prepared for Army Aviation Centre Oakey are available on the Defence website (see page 3).

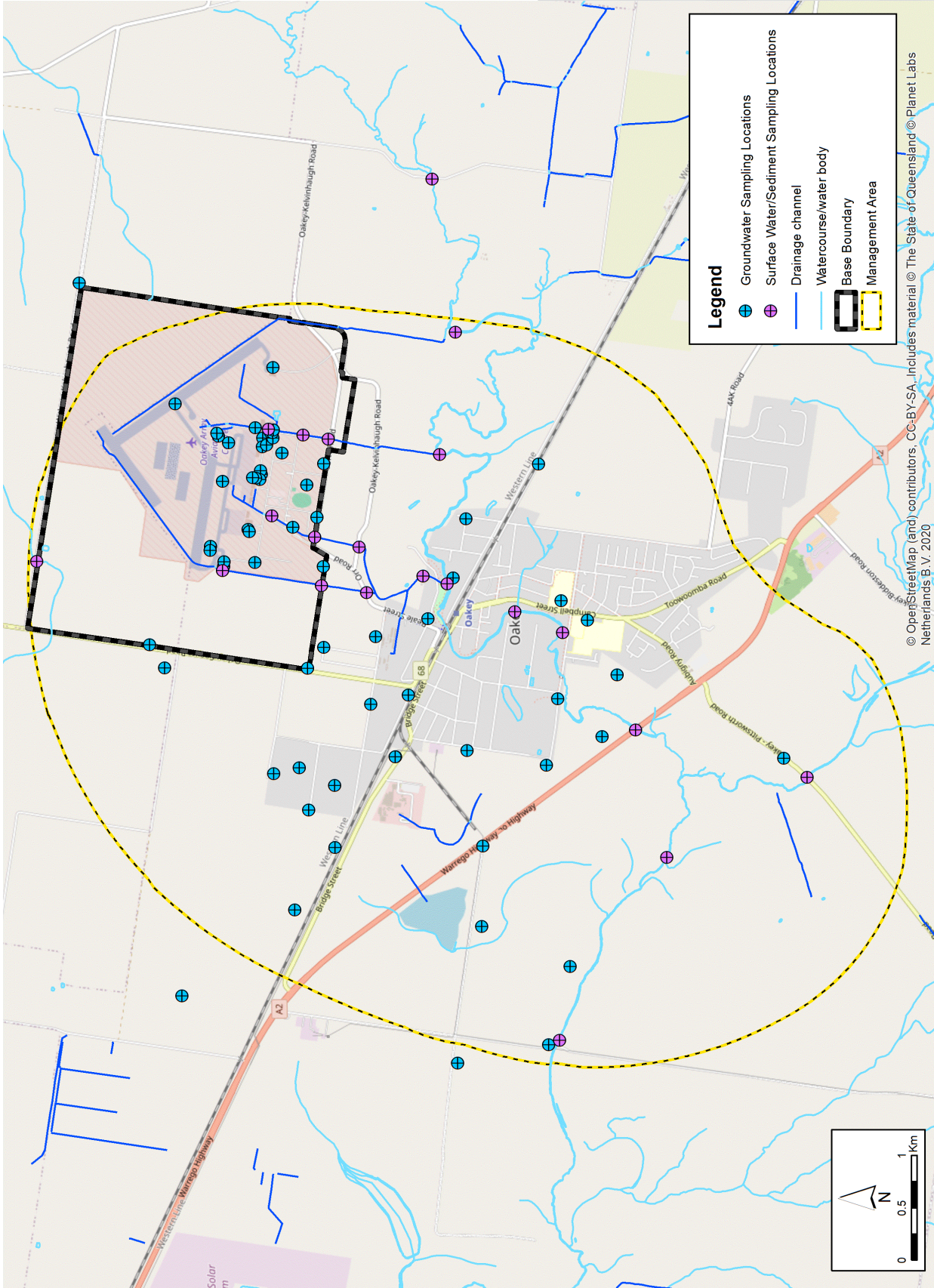


Figure 1
Army Aviation Centre Oakey Monitoring Locations



Keeping you informed

Defence will continue to keep the community informed about the management and ongoing monitoring of PFAS on and around Army Aviation Centre Oakey.

Read the full October 2021 – November 2022 Army Aviation Centre Oakey Ongoing Monitoring Report

Scan the QR code here



Or, use the link below to access the
Ongoing Monitoring Report :

<https://www.defence.gov.au/about/locations-property/pfas/pfas-management-sites/swartz-barracks>

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