



RAAF Base Wagga Remediation Update

- In 2025, Defence completed remediation of the Fire Extinguisher Training Pad (FTP), the Former Fire Station and the Fire Station wash bay.
- The objective of the remediation was to reduce PFAS discharges in stormwater and sewer from the base, stormwater discharges to the Gumly Gumly Wetland and sewage discharges from the base to the Forest Hill Sewage Treatment Plant.
- Soil and other PFAS contaminated materials were removed and transported off-site to licensed facilities for treatment and disposal.
- A legacy underground diesel storage tank was also removed.



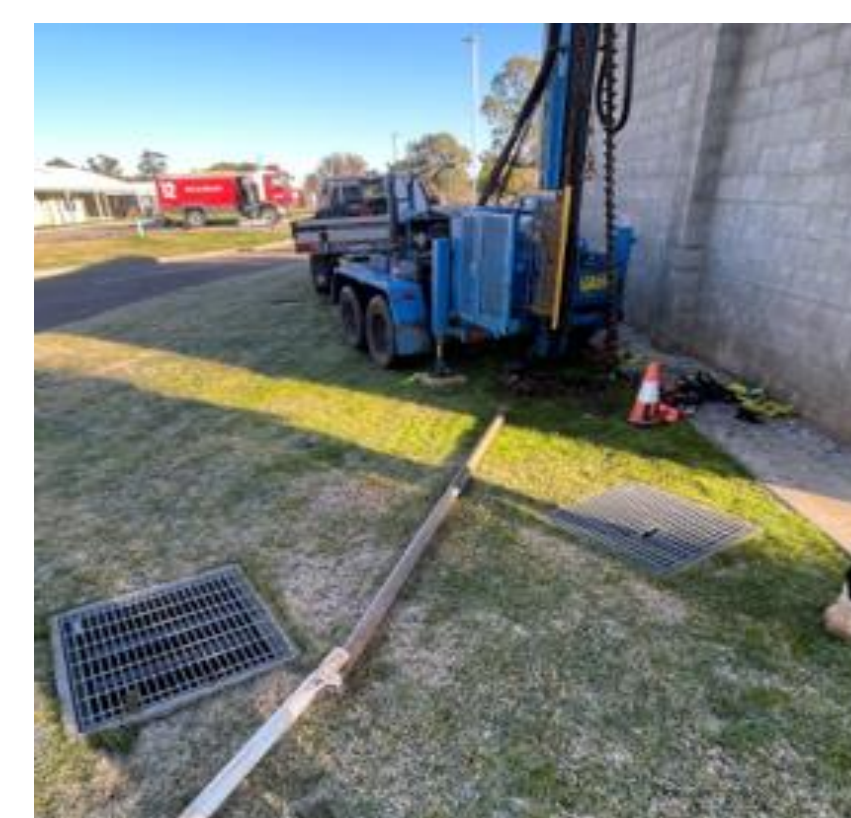
Replacement of stormwater pipes



Replacement of oil/water separator



Removal of wastewater collection tanks



Decommissioning monitoring wells



Completion of remediation works



RAAF Base Wagga Ongoing Monitoring Results – April 2024 to February 2025

Sample type	Summary of findings
Groundwater 79 samples collected from 57 locations	- PFAS in groundwater were similar to previous results. The highest PFAS concentrations were detected in the Gumly Gumly Wetland or at locations adjacent to Marshalls Creek. - New monitoring wells have been installed further to the west of the existing network, between Marshalls Creek and Riverina Water extraction bores. PFAS has been detected within the new wells at concentrations exceeding drinking water guidelines. - There has not been any exceedance of drinking water guidelines within any of the drinking water supply bores sampled. The drinking water is safe to drink.
Surface water 33 samples collected from 17 locations	- PFAS in surface water were similar to previous results. - Concentrations exceeding drinking water guidelines were detected from the base boundary and drainage line, Marshalls Creek and Forest Hill Sewage Treatment Plant. - Samples from the Riverina Water drinking water intake at the Murrumbidgee River were below drinking water guidelines.

Summary

- PFAS have been detected in new monitoring wells installed by Defence between Marshalls Creek and the Riverina Water drinking water bores.
- The highest PFAS concentrations in groundwater were detected in Gumly Gumly wetlands and adjacent to Marshalls Creek, and within Marshalls Creek for surface water.
- No exceedances of drinking water guidelines were detected for any of the drinking water supply bores or the Murrumbidgee River intake location.
- The Wagga Wagga drinking water supply is safe.



Groundwater sampling RAAF Base Wagga



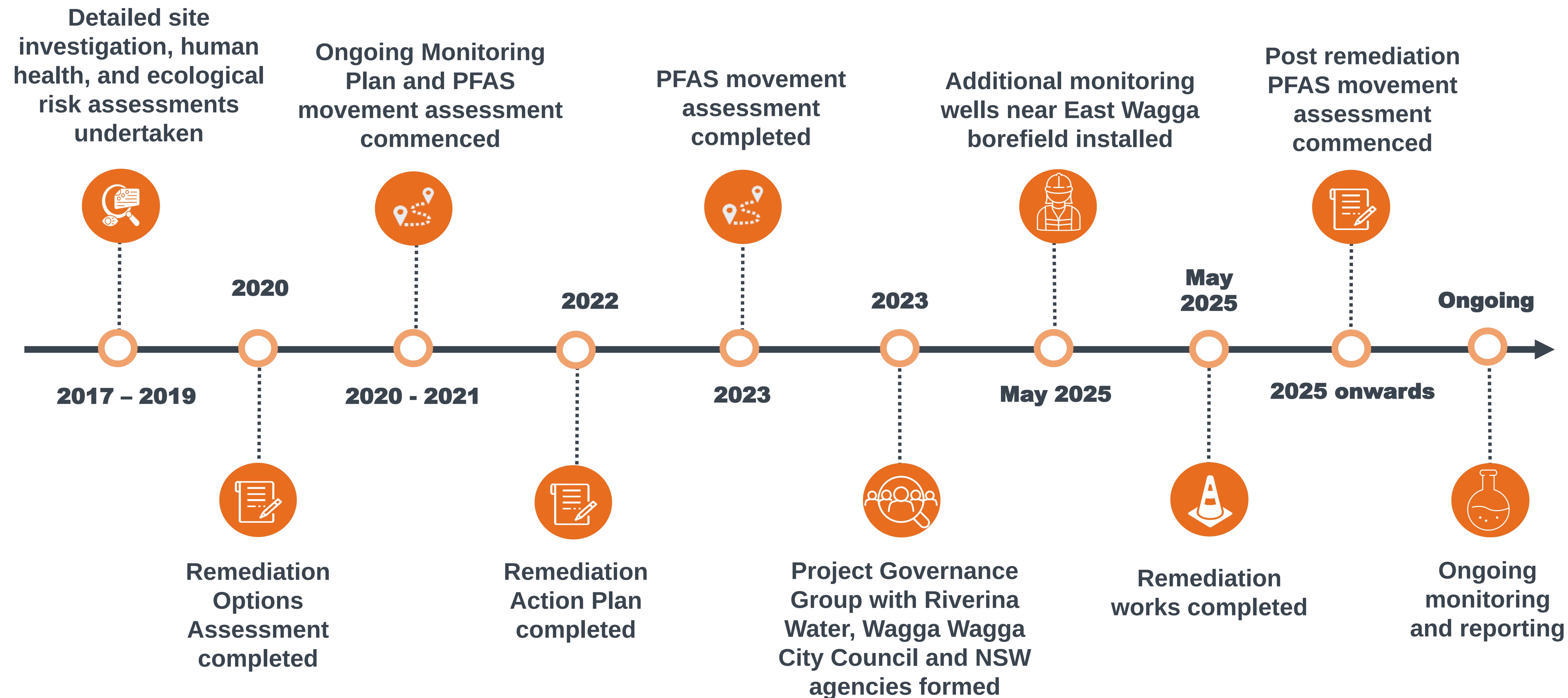
Surface water sampling Murrumbidgee River

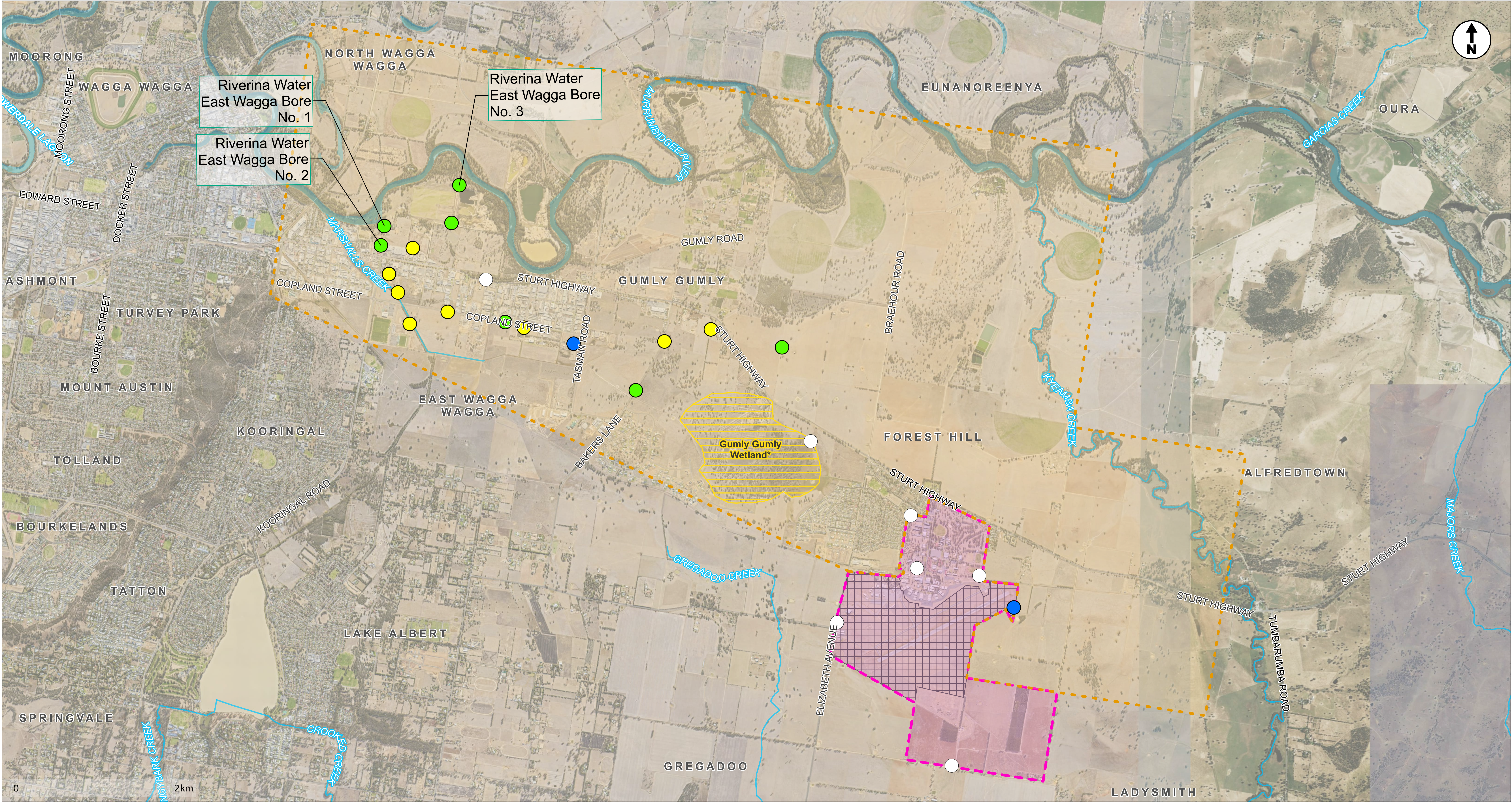


Groundwater sampling



RAAF Base Wagga Program Timeline



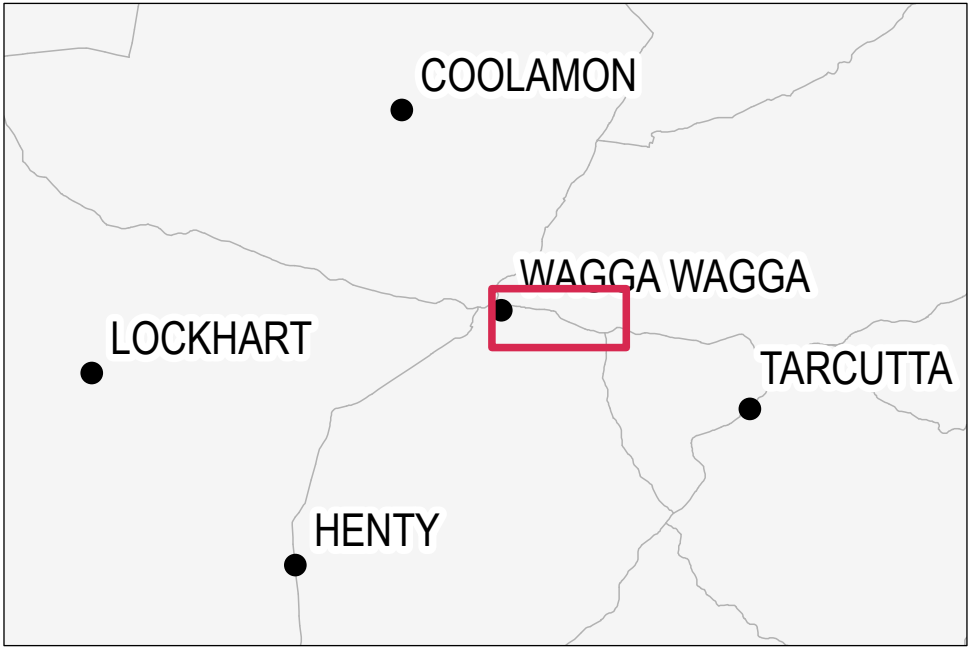


Legend

February 2025 Groundwater PFOS samples (result units are in µg/L)

- Not sampled
- Non-Detect
- ≤ Drinking Water Guideline
- > Drinking Water Guideline

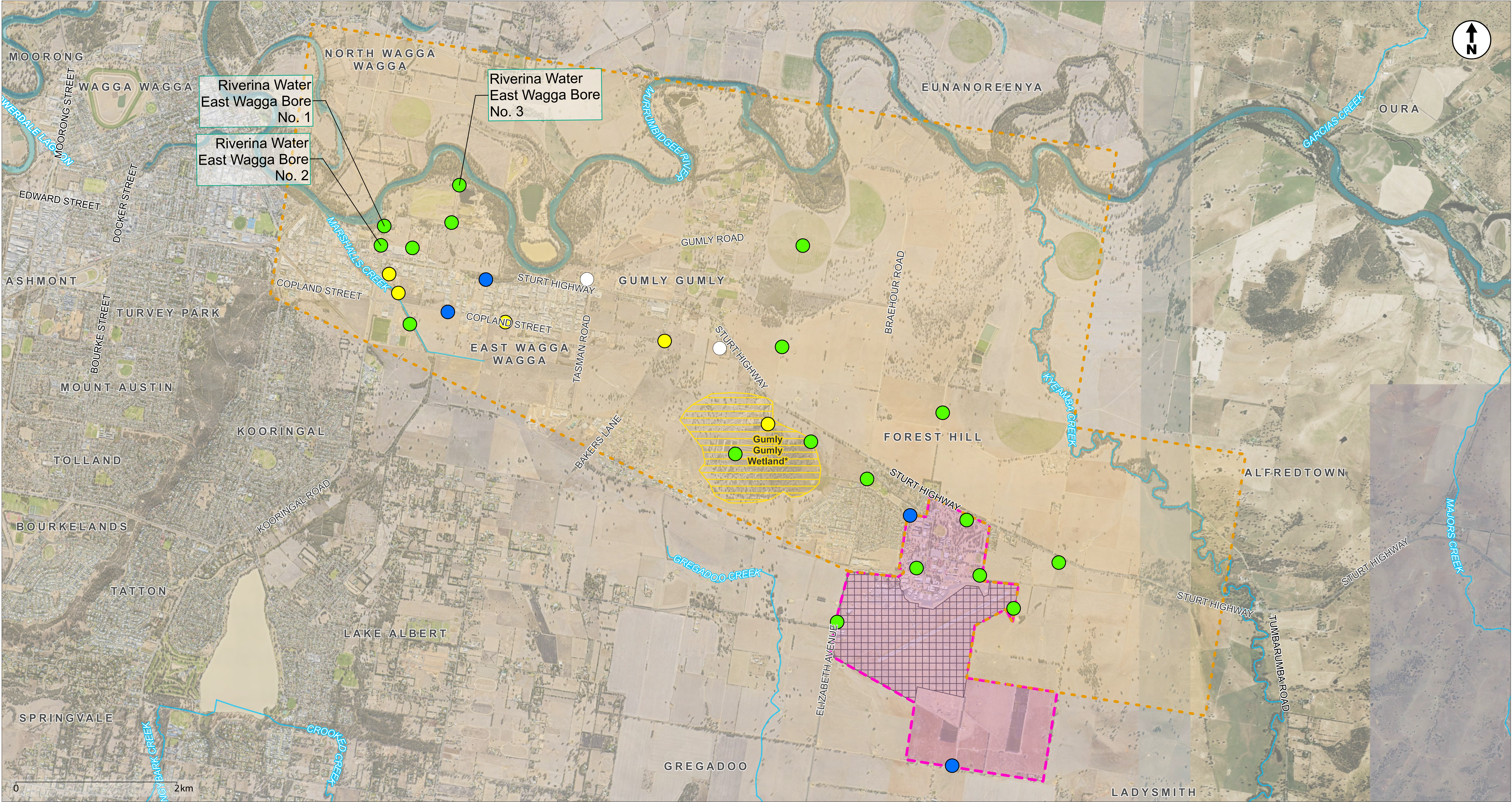
- On-base Management Area
- Off-base Monitoring Area
- City of Wagga Wagga Council Lease Area
- Watercourse
- Wetlands *Gumly Gumly Wetland boundary is indicative and based on imagery



Scale: 1:17,000 @ A0
GDA2020 MGA Zone 55
Data sources: Jacobs 2025, Department of Customer Service 2025
Basemap: Metromaps 2025

PFAS Ongoing Monitoring Results – RAAF Base Wagga – Groundwater (Cowra)

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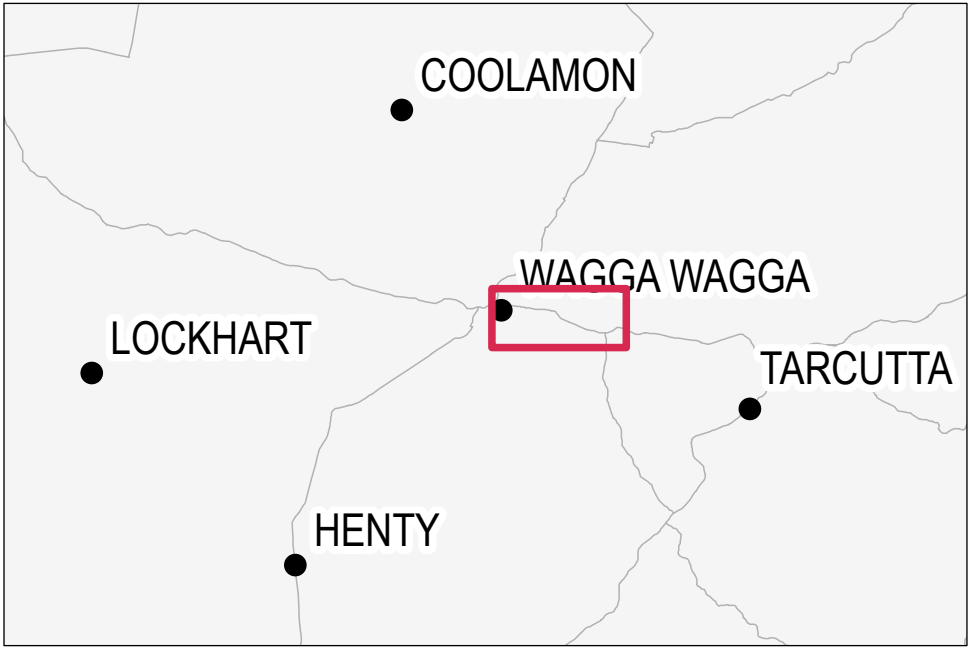


Legend

February 2025 Groundwater PFOS samples (result units are in µg/L)

- Not sampled
- Non-Detect
- ≤ Drinking Water Guideline
- > Drinking Water Guideline

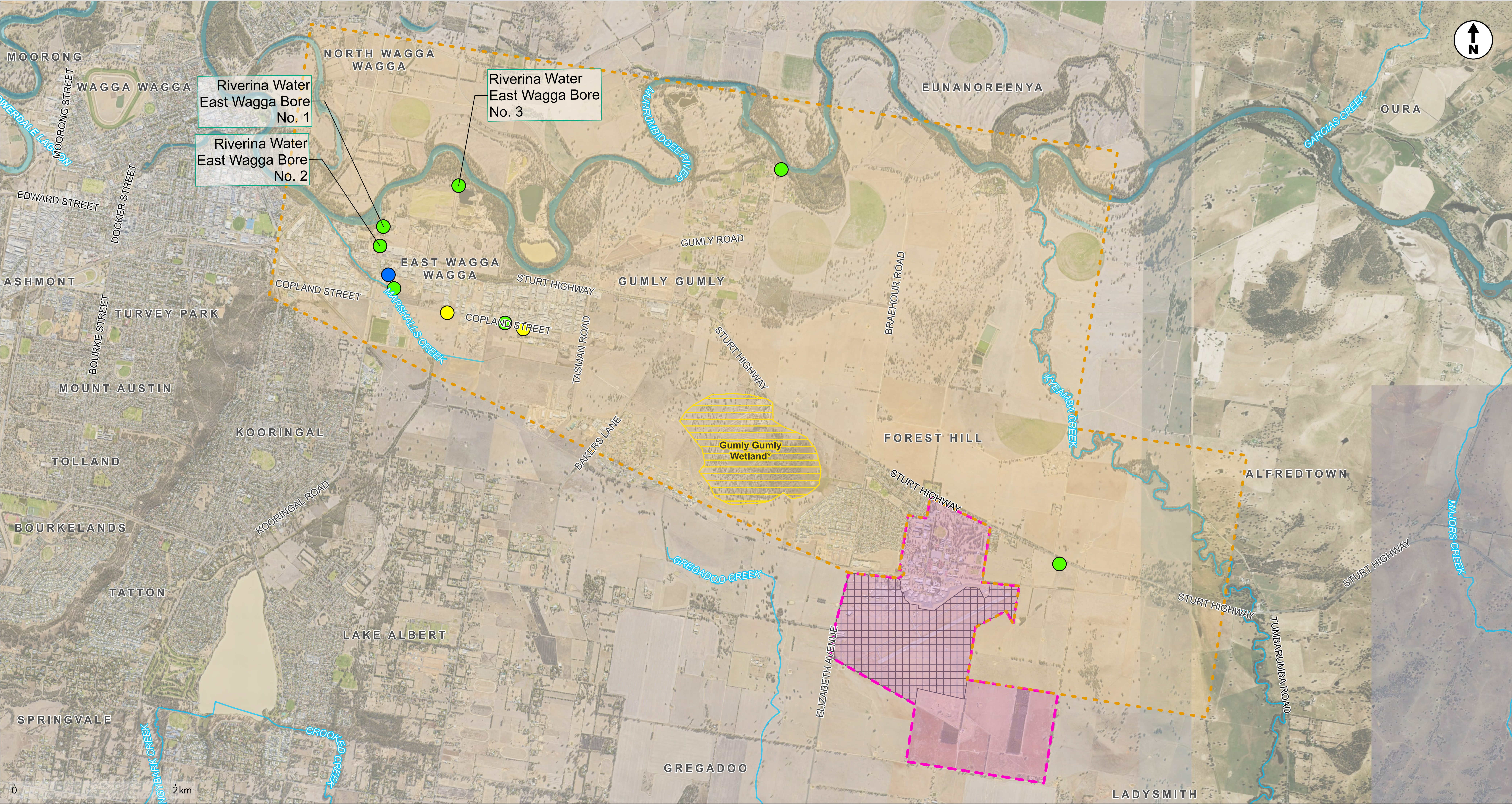
- On-base Management Area
- Off-base Monitoring Area
- City of Wagga Wagga Council Lease Area
- Watercourse
- Wetlands *Gumly Gumly Wetland boundary is indicative and based on imagery



Scale: 1:17,000 @ A0
GDA2020 MGA Zone 55
Data sources: Jacobs 2025, Department of Customer Service 2025
Basemap: Metromaps 2025

PFAS Ongoing Monitoring Results – RAAF Base Wagga – Groundwater (Upper Lachlan)

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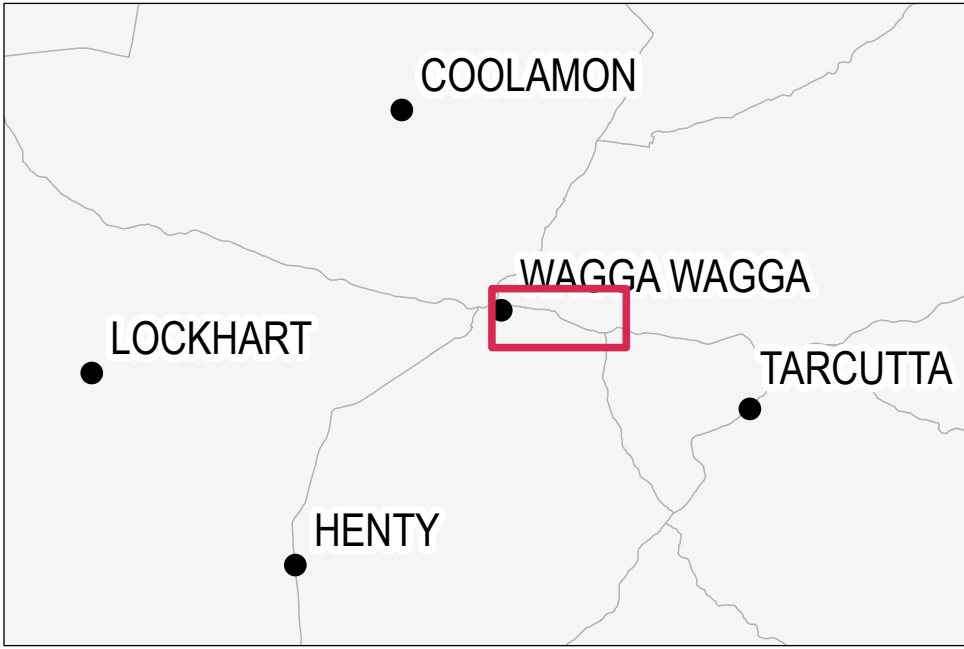


Legend

February 2025 Groundwater PFOS samples (result units are in µg/L)

- Not sampled
- Non-Detect
- ≤Drinking Water Guideline
- >Drinking Water Guideline

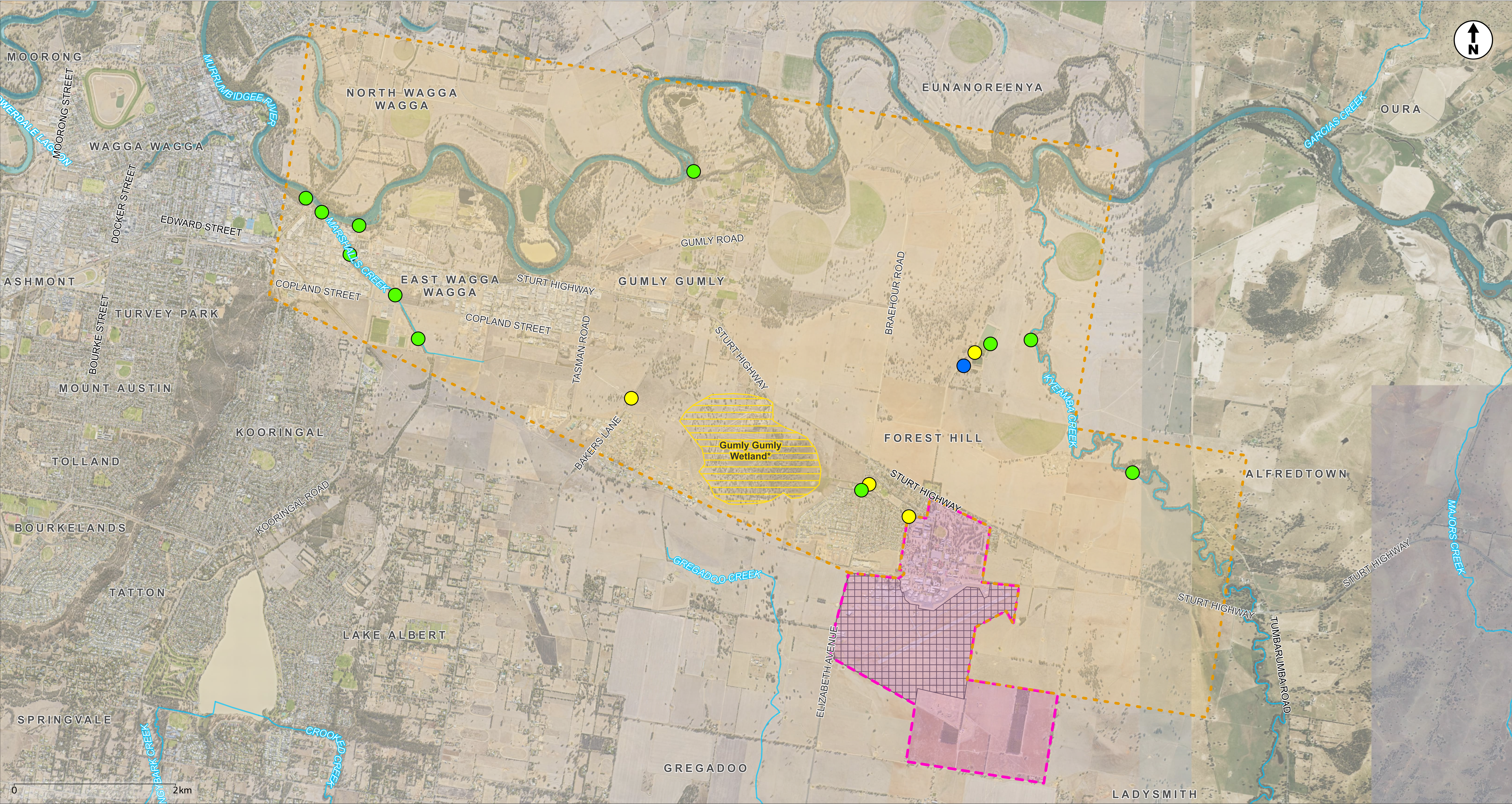
- On-base Management Area
- Off-base Monitoring Area
- City of Wagga Wagga Council Lease Area
- Watercourse
- Wetlands *Gumly Gumly Wetland boundary is indicative and based on imagery



Scale: 1:17,000 @ A0
GDA2020 MGA Zone 55
Data sources: Jacobs 2025, Department of Customer Service 2025
Basemap: Metromaps 2025

PFAS Ongoing Monitoring Results – RAAF Base Wagga – Groundwater (Lower Lachlan)

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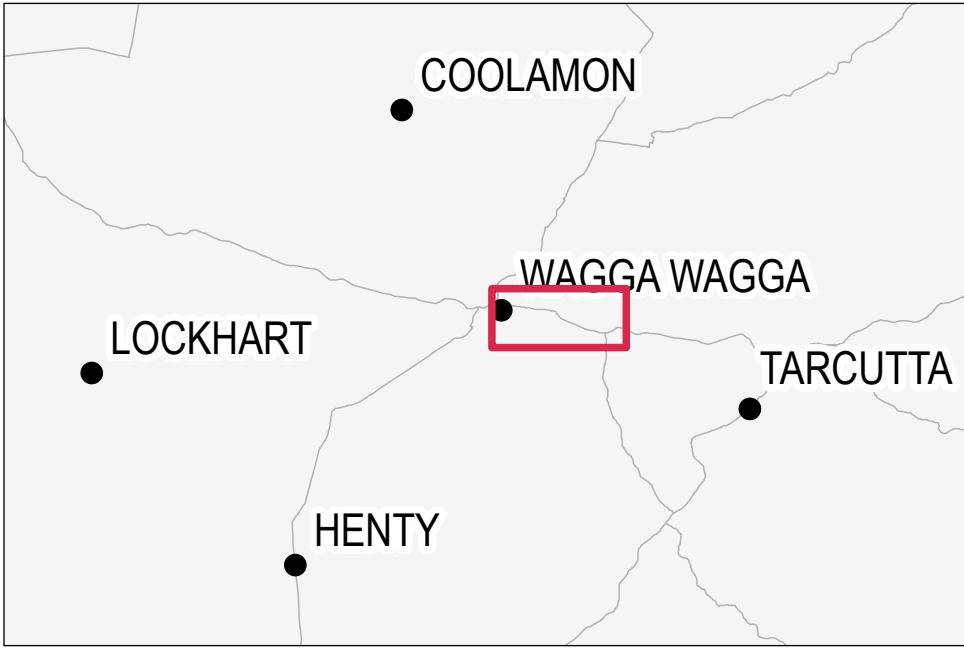


Legend

February 2025 Surface Water PFOS samples (result units are in µg/L)

- Not sampled
- Non-Detect
- ≤Drinking Water Guideline
- >Drinking Water Guideline

- On-base Management Area
- Off-base Monitoring Area
- City of Wagga Wagga Council Lease Area
- Watercourse
- Wetlands *Gumly Gumly Wetland boundary is indicative and based on imagery



Scale: 1:17,000 @ A0
GDA2020 MGA Zone 55
Data sources: Jacobs 2025, Department of Customer Service 2025
Basemap: Metromaps 2025

PFAS Ongoing Monitoring Results – RAAF Base Wagga - Surface Water

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