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PFAS INVESTIGATION AND MANAGEMENT PROGRAM

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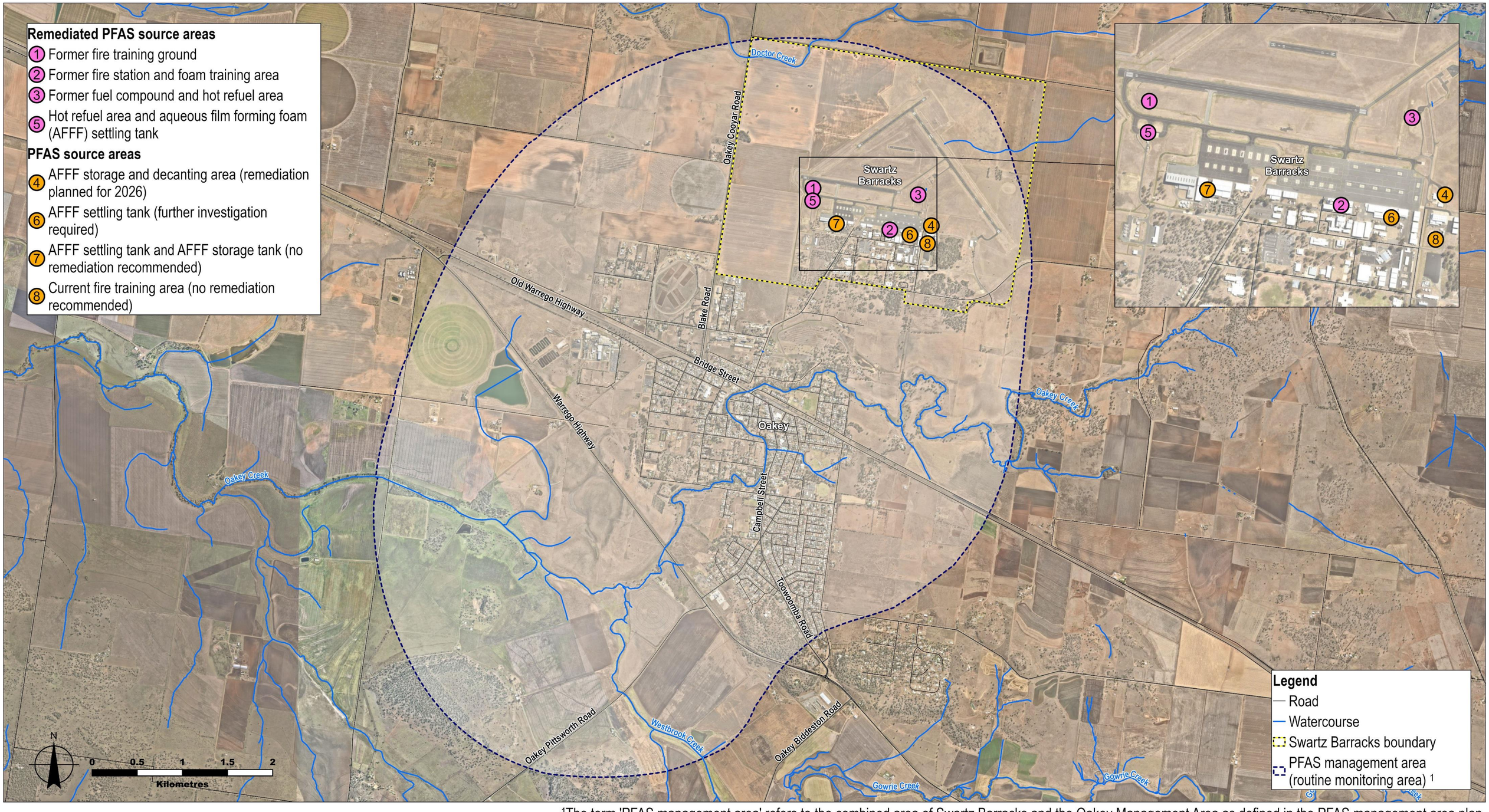
Swartz Barracks – Management Area and source areas



[1]The term 'PFAS management area' refers to the combined area of Swartz Barracks and the Oakey Management Area as defined in the PFAS management area plan.

Planned soil and concrete remediation activities

PFAS source area	Remediation action
Former fire training ground (1)	Soil stabilisation was completed in 2021.
Former fire station and foam training area (2)	Capping of contaminated soil was completed in 2025.
Former fuel compound and hot refuel area (3)	Off-site disposal of concrete bunds to a licensed waste facility and capping of the contaminated soil in the northern area was completed in 2025.
Aqueous film forming foam (AFFF) storage and decanting area (4)	Off-site disposal of contaminated soil to a licensed waste facility and capping of remaining area scheduled for 2026.
Hot refuel area and AFFF settling tank (5)	Soil stabilization, reinstatement and capping of stabilised soil was completed in 2025.
AFFF settling tank (6)	Requires further investigation.
AFFF settling tank and AFFF storage tank (7)	No samples exceeded the nominated PFAS criteria during the soil characterisation works—no remediation recommended.
Current fire training area (8)	Reported the lowest potential PFAS discharge of all source areas—no remediation recommended.

Soil stabilisation with powdered activated carbon on the Defence Estate, July 2025.

Numbers presented in table correlate to those presented in poster 1 ‘Swartz Barracks - Management Area and source areas’

Remediation at Swartz Barracks

The aim of remediation is to minimise PFAS leaving the base and travelling into the environment. This is done by removing PFAS from source areas or reducing its ability to leach into water.

Remediation works have been completed at the former fire training area, the hot refuel area, the former fire station and the former fuel compound.

The Swartz Barracks PFAS Management Area Plan is currently being revised. The revised Plan will focus on:

- Remediation of the AFFF Storage and Decanting Area
- Updating the groundwater model
- Preparing a Remediation Action Plan to reduce PFAS in groundwater moving across the western boundary
- Preparing a Remediation Action Plan to reduce PFAS in surface water across the southern boundary
- Updating the Ongoing Monitoring Program to include areas west of the Management Area.

A groundwater remediation options assessment, focusing on PFAS in groundwater leaving the base to the west, is now complete. A remediation action plan is being prepared.

Delivery of asphalt at the Former Fuel Compound following excavation to support capping, November 2025.

Delivery of asphalt at the Former Fire Station following excavation to support capping, November 2025.

Swartz Barracks – April and October 2025 routine monitoring

Groundwater

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

April 2025

104 samples collected on and off base, including residential bores.

October 2025

15 samples collected on and off base, including residential bores.

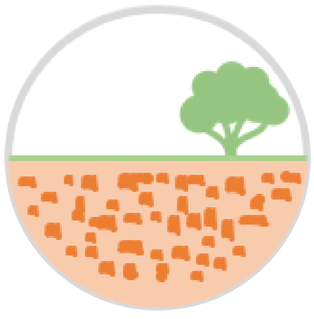
Surface water

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

17 samples collected from Oakey Creek, Westbrook Creek and Doctors Creek.

No surface water samples were collected in October

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 Oakey Creek, Westbrook Creek and Doctor Creek.

No sediment samples were collected in October

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Swartz Barracks Program Timeline

Completed

Next Steps

2017 – 2018
Detailed site investigation, human health, and ecological risk assessments undertaken

2017
Remediation activities commence

2019
PFAS Management Area Plan published

2022
Groundwater treatment plant reconfigured

2023
PFAS movement assessment completed

2025
Remediation works at four source areas completed

2026 onwards
PFAS Management Area Plan to be updated

2026
Commence remediation works at fifth source area

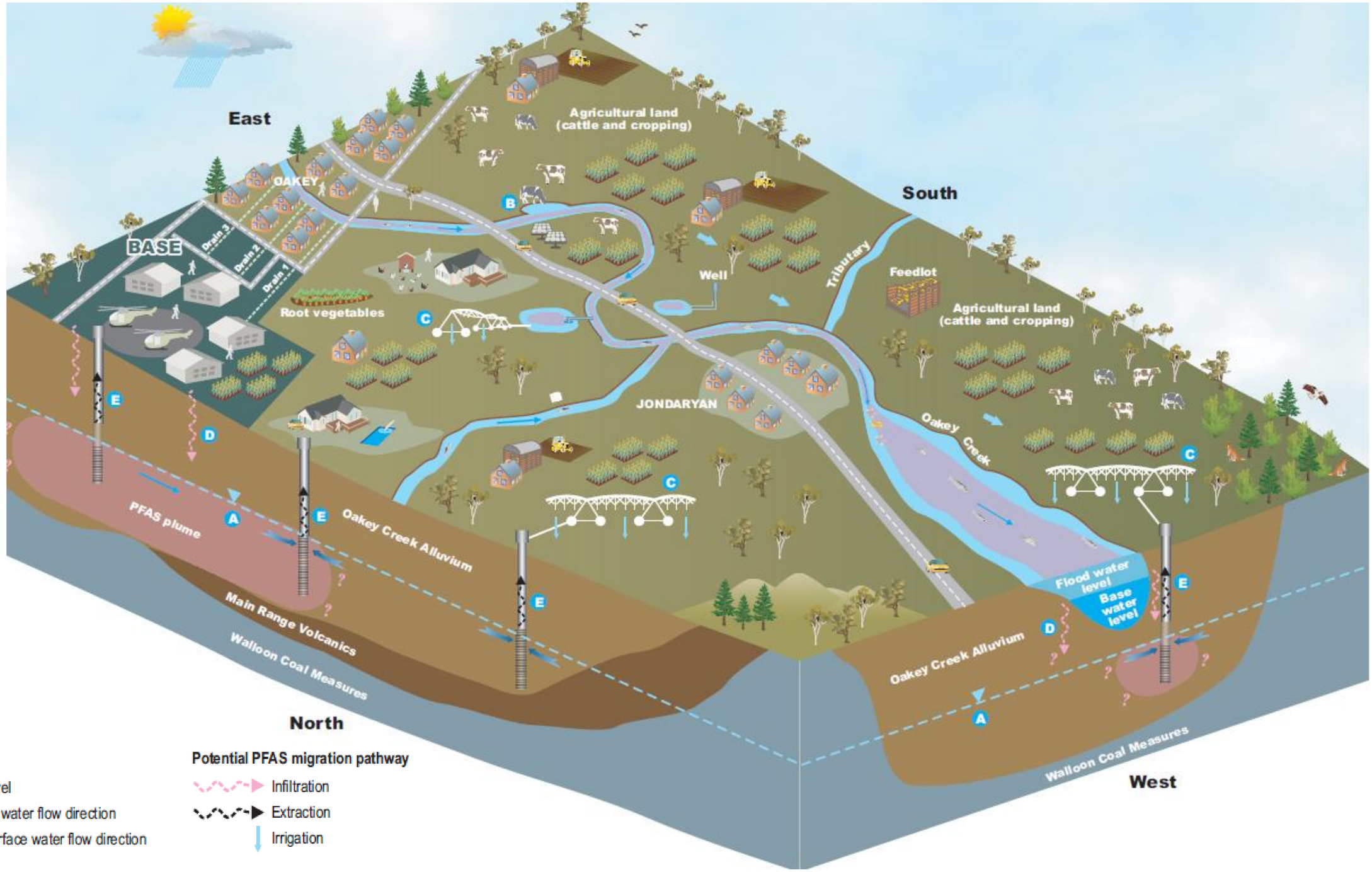
2026
Develop a Groundwater Remedial Options Assessment and Action Plan

Ongoing
Continue ongoing monitoring and reporting

How PFAS moves in the environment

Migration pathway

- A Groundwater
- B Surface water
- C Irrigation
- D Infiltration
- E Extraction



Legend

- Groundwater level
- Regional groundwater flow direction
- Groundwater/surface water flow direction
- PFAS

Potential PFAS migration pathway

- Infiltration
- Extraction
- Irrigation