
3 November 2022

Proposed Edinburgh groundwater prohibition extension

The Environment Protection Authority is proposing to extend an existing groundwater prohibition area around the RAAF precinct at Edinburgh.

The Groundwater Prohibition Area (GPA) was established in February this year in portions of Edinburgh, Direk, Burton, Salisbury North, Penfield, Paralowie and Waterloo Corner due to contamination by per- and poly-fluoroalkyl substances (PFAS).

The current GPA covers an area from the Edinburgh RAAF precinct to Port Wakefield Rd at Burton.

The proposed second stage would cover an adjoining area from Port Wakefield Rd to the Barker Inlet – taking in parts of Waterloo Corner, Bolivar and St Kilda - and would prohibit the taking of groundwater to a depth of 20 metres.

Water from deeper aquifers is not included and rainwater and tap water are not affected.

Investigations by an independent site contamination auditor for the Department of Defence reviewed transport pathways and have indicated that the PFAS in groundwater is expected to continue slowly migrating towards the coast.

PFAS have been used in firefighting foams and consumer products such as carpets, water-repellent clothes and non-stick cookware for more than 50 years. They are highly soluble in water, which means they can easily move from soil to groundwater, where they can travel long distances.

While the understanding of the effects of PFAS in the environment is still emerging, SA Health recommends that, as a precaution, exposure be reduced wherever possible.

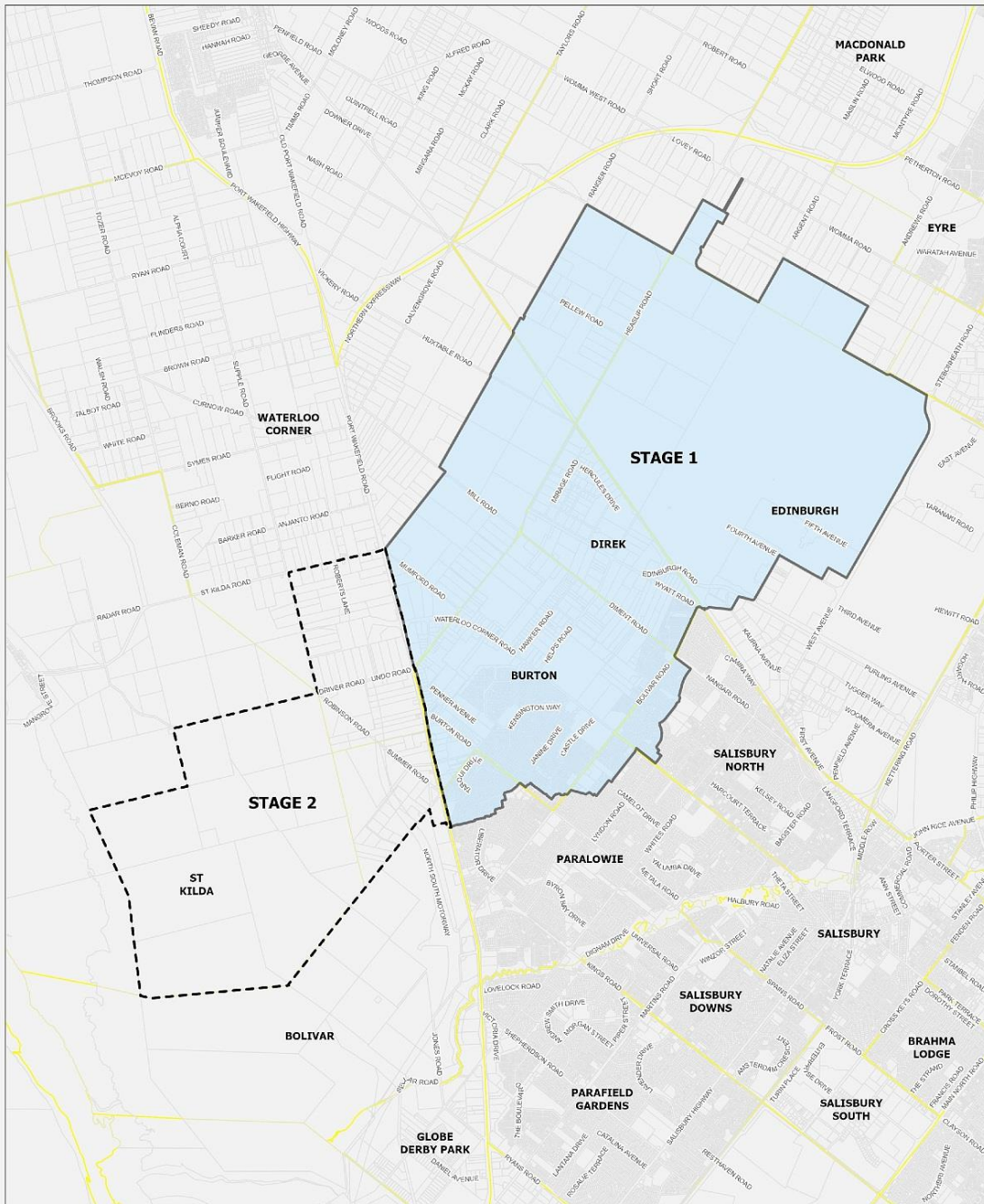
Using contaminated groundwater (bore water) for drinking, showering, washing, filling swimming pools, watering lawns or irrigating edible produce over a long period of time is considered a health risk.

The EPA will be undertaking consultation until 2 February 2023 with residents, property owners and groundwater users in the proposed area. There are about 60 properties in the area.

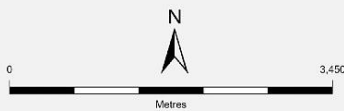
Further information about the proposed Stage 2 GPA is available on the [Engage EPA website](#).

Information about Defence investigations and its PFAS management is available [here](#).

Proposed Stage 2 GPA for Edinburgh



- Edinburgh Stage 1
- Proposed Edinburgh Stage 2
- Parcel Boundaries
- Suburbs



Produced by Digital, Systems and Information
Environment Protection Authority
GPO Box 2607 Adelaide SA 5001
Web: www.epa.sa.gov.au

Data Source: EPA, DEW
Compiled: 17/10/2022
Projection: Lambert Conformal Conic
Datum: Geocentric Datum of Australia, 2020
All rights reserved. All works and information displayed are subject to copyright. For the reproduction or publication beyond that permitted by the Copyright Act 1968, written permission must be sought from the Authority.
Although every effort has been made to ensure the accuracy of the information displayed, the Authority, its agents and employees make no representation, either express or implied, that the information is accurate or reliable for any purpose and expressly disclaims all liability for loss or damage arising from reliance upon the information displayed.



0622_201