

TO THE RESIDENT

Dear resident

Re: **Glenelg East assessment area results update**

The Environment Protection Authority (EPA) has been undertaking an assessment program at Glenelg East since 2012, and engaged specialist environmental consultants Fyfe Earth Partners (Fyfe) to undertake the latest stage of testing groundwater and soil vapour for chemicals including trichloroethene (TCE).

These chemicals are known to be present in the groundwater beneath a former dry cleaning premise at 37-41 Cliff Street.

Fyfe has considered sampling data, depth of groundwater, soil type and soil moisture content to inform the computer modelling for vapour intrusion which conservatively predicts higher levels of vapour in indoor air. Of the 420 properties in the assessment area, 45 are predicted to have very low concentrations of less than $2\mu\text{g}/\text{m}^3$ of TCE (shaded in blue overleaf) and the remainder are predicted to have no detection of TCE at all inside homes.

The EPA is pleased to inform you that all properties within the assessment area are therefore considered to be safe from TCE vapour intrusion and no testing at your home is required. Additional works will be undertaken in the coming months to determine the extent of the groundwater contamination, which will inform the EPA as to where a groundwater prohibition area may need to be established.

As per previous advice, please do not use groundwater (bore water) for any purpose. Mains water and water from rainwater tanks are not affected. Home grown fruit and vegetables are safe to consume, provided they are not watered using bore water.

If you have any queries or concerns, please do not hesitate to contact us on 1800 729 175 or email EPASiteContam@sa.gov.au for further information.

Yours sincerely



Andrew Pruszinski

MANAGER SITE CONTAMINATION

ENVIRONMENT PROTECTION AUTHORITY

Date: 21 April 2016

Για να ζητήσετε ένα αντίγραφο της παρούσας επιστολής στην ελληνική γλώσσα, παρακαλούμε τηλεφωνήστε στο 13 14 50.

Per richiedere una copia di questa lettera in italiano, si prega di telefonare 13 14 50.

为了要求这封信普通话的副本，请致电13 14 50。

Indoor air level response range (TCE)



No Action

Indoor Air Level:
Nothing detected

Safe



Validation

Indoor Air Level:
Above detection - less than 2 ($\mu\text{g}/\text{m}^3$)

Safe



Investigation

Indoor Air Level:
2 - less than 20 ($\mu\text{g}/\text{m}^3$)

No immediate health concerns
Further assessment may be necessary



Intervention

Indoor Air Level:
20 - less than 200 ($\mu\text{g}/\text{m}^3$)

There may be a health risk
Immediately look at next steps and further assessment







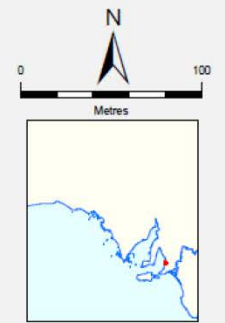
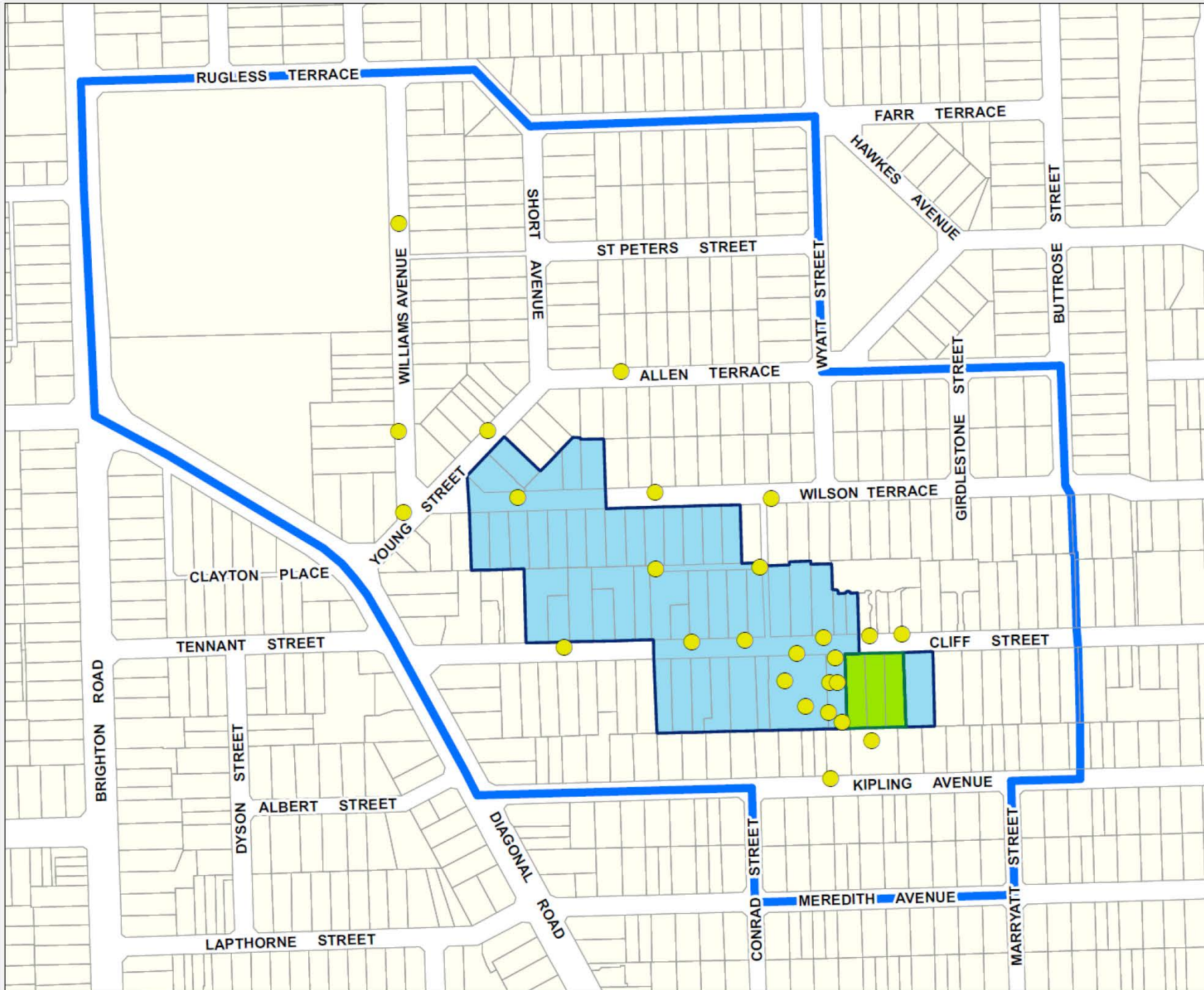
Accelerated Intervention

Indoor Air Level:
200 and above ($\mu\text{g}/\text{m}^3$)

There is a health risk
Immediate action (mitigation or possible relocation)

Glenelg East Assessment Area

-  EPA Assessment Area
-  Source Site
-  Predicted Indoor Air Concentrations less than $2\mu\text{g}/\text{m}^3$ at residential properties
-  Soil Vapour Testing Bore



Produced by Knowledge, Information & Strategy
 Environment Protection Authority
 GPO Box 2607 Adelaide SA 5001
 Web: www.epa.sa.gov.au
 Data Source DEWNR, EPA
 Compiled 12 April, 2016
 Projection Lambert Conformal Conic
 Datum Geocentric Datum of Australia, 1994

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