

TO THE RESIDENT

Dear resident

Re: South-Eastern Edwardstown environmental assessments

As you may be aware, the Environment Protection Authority (EPA) has been assessing groundwater and soil vapour in South-Eastern Edwardstown for historically used chemicals including trichloroethene (TCE), since 2015.

Further to my letter of 5 January 2017, the EPA has undertaken a fourth stage of groundwater and soil vapour assessment in South-Eastern Edwardstown. This work was undertaken by the site contamination consultant in order to delineate the extent of the contaminated groundwater plume.

Another purpose of undertaking this work over the summer months was to monitor the soil vapour for seasonal variation. Following on from the assessments undertaken over the winter months last year, during January – February 2017 an additional 10 groundwater bores and 14 soil vapour bores were installed and sampling activities were carried out at new and existing groundwater well and soil vapour bore locations.

The results have now been provided to the EPA and the human health risk assessment has been updated. I am very pleased to advise that all properties in the South-Eastern Edwardstown assessment area are considered by the EPA to be safe from soil vapour intrusion, with predicted indoor air concentrations of TCE below 2 micrograms per cubic metre ($\mu\text{g}/\text{m}^3$). This is consistent with the results from last year. A full copy of the report will be available to download from the EPA website and a hard copy can be requested by phoning the number overleaf.

Groundwater in this area is contaminated and should not be used for any purpose, as per our previous advice. Mains water and water from rainwater tanks are not affected by this issue. Home grown fruit and vegetables are safe to consume, provided they are not watered with bore water.

The recent work has identified a number of areas where the EPA would like to obtain further information - one of which relates to determining a contamination source within the assessment area. The EPA is now planning further work this financial year (before 30 June 2017). The approximate drilling locations are shown on the attached map.

Up to 40 temporary bores will be drilled to a maximum depth of 5 metres below ground level. These bores will be installed using a small drill rig, and traffic control will be in place for the duration of the works. These works are planned to be undertaken in road verges and on footpaths, and not on any private properties. The results will be reported to the community in August 2017.

The EPA established a community working group in South-Eastern Edwardstown and holds meetings for information sharing and the opportunity to ask questions of EPA staff as required. If you would like to become a member of this group or would like to receive copies of past meeting notes and presentations, please don't hesitate to contact us on the number below.

The EPA also maintains a website designated to the South-Eastern assessment area, where all copies of previous reports, maps and correspondence can be downloaded. Please visit: http://www.epa.sa.gov.au/data_and_publications/site_contamination_monitoring/assessment_areas/south_eastern_edwardstown.

If you have any queries or concerns, or would like to meet with member of our team please don't hesitate to let us know by phoning 1800 729 175 or email EPASiteContam@sa.gov.au.

Yours sincerely

Rachel Hudson
PRINCIPAL ADVISER, COMMUNITY ENGAGEMENT
ENVIRONMENT PROTECTION AUTHORITY

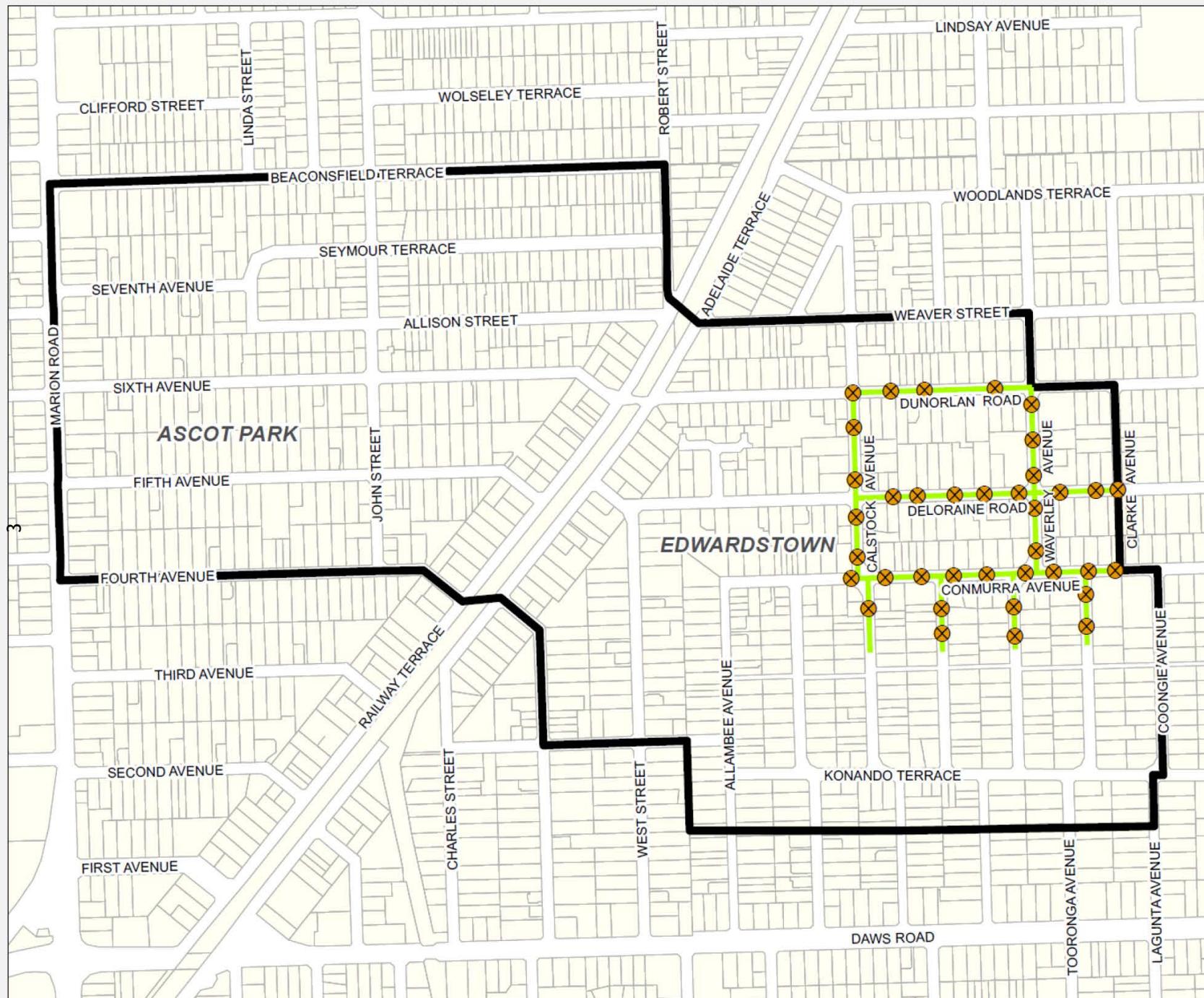
Date: 29 May 2017

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

Για να ζητήσετε ένα αντίγραφο της παρούσας επιστολής στα Ελληνικά, παρακαλούμε να τηλεφωνήστε στο 13 14 50.

如欲索取本信的中文版本，请致电 13 14 50.

**Figure 1:
Proposed Stage 4B
South-Eastern
Edwardstown**



-  EPA Assessment area
-  June 2017 works
-  Proposed temporary bores located in road verges and footpaths (not on residential properties)



Produced by Knowledge, Information & Strategy
Environment Protection Authority
GPO Box 2607 Adelaide SA 5001
www.epa.sa.gov.au

Data Source EPA, DEWNR
Compiled 17 May, 2017
Projection Lambert Conformal Conic
Datum Geocentric Datum of Australia, 1994

© Copyright Environment Protection Authority 2016
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 (Cwth) written permission must be sought from the Department.

Although every effort has been made to ensure the accuracy of the information displayed, the Department, its agents, officers and employees make no representation, either express or implied, that the information displayed is accurate or fit for any purpose and expressly disclaims all liability for loss or damage arising from reliance upon the information displayed.



GIS17_0041