



ALBERT PARK ASSESSMENT AREA

Community information

Issued 4 March 2019

The Environment Protection Authority (EPA) is commencing environmental assessment work in Albert Park (please see map overleaf).

This work is to determine whether chemicals used in historical industrial practices, coming from vapour in the soil, might be a risk to human health.

It has long been understood that volatile chemicals can be transported in groundwater. More recently it has been discovered that they can also be found as vapour in the air spaces between soil particles.

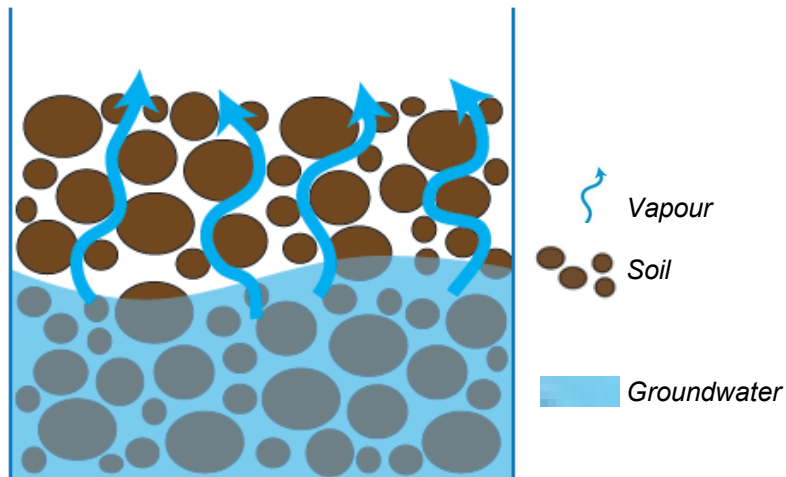
A site at 24 Murray Street Albert Park was formerly used to manufacture tin cans between 1940 and 1984. A number of other larger manufacturing companies have continued operations in the industrial complex since World War II.

Drilling of soil vapour bores and sampling the air beneath the surface will be undertaken in road verges and not on private properties at this stage. Approximate locations are shown on the map overleaf.



*J Gadsden Pty Ltd, former tin can manufacturer
between 1940 and 1984*

Soil vapour intrusion



Soil vapour intrusion occurs when chemicals found in the groundwater travel upwards through the soil and enter residential indoor air. Many areas with groundwater contamination pose no or very low risk of soil vapour intrusion and are considered to be safe.

In the rare instance that a home is affected by soil vapour intrusion, the EPA works with residents to assist them with managing any risk. Where there is significant vapour intrusion a ventilation system can be installed.

Why is the EPA doing this work?

Liability for site contamination is assigned according to the 'polluter pays' principle under the *Environment Protection Act 1993*. The EPA manages sites where the original polluter no longer exists, cannot be found or identified, or is unable to carry out or pay the costs of the assessment or remediation that is required.

Under the Act it is a legal requirement to notify the EPA when site contamination affecting groundwater is discovered. The EPA became aware of site contamination at this location in 2018 when a contaminated-land consultant advised the EPA. The EPA undertakes this work when there is no liable person, based on a prioritised list determined by whether there is a potential health risk.

Please do not use bore water

Groundwater (bore water) in this area may be contaminated and should not be used for any purpose.

Not all households have access to bore water. Bore water is typically accessed via a pump in your backyard.

Tap water provided by SA Water is not affected. Rain water is also not affected. Please call the EPA if you are unsure whether you have access to bore water.

Home-grown vegetables are safe

Soil, rainwater and mains water are not affected. Contaminated groundwater does not affect the soil above it unless it is used for irrigation or it is the source of the contamination.

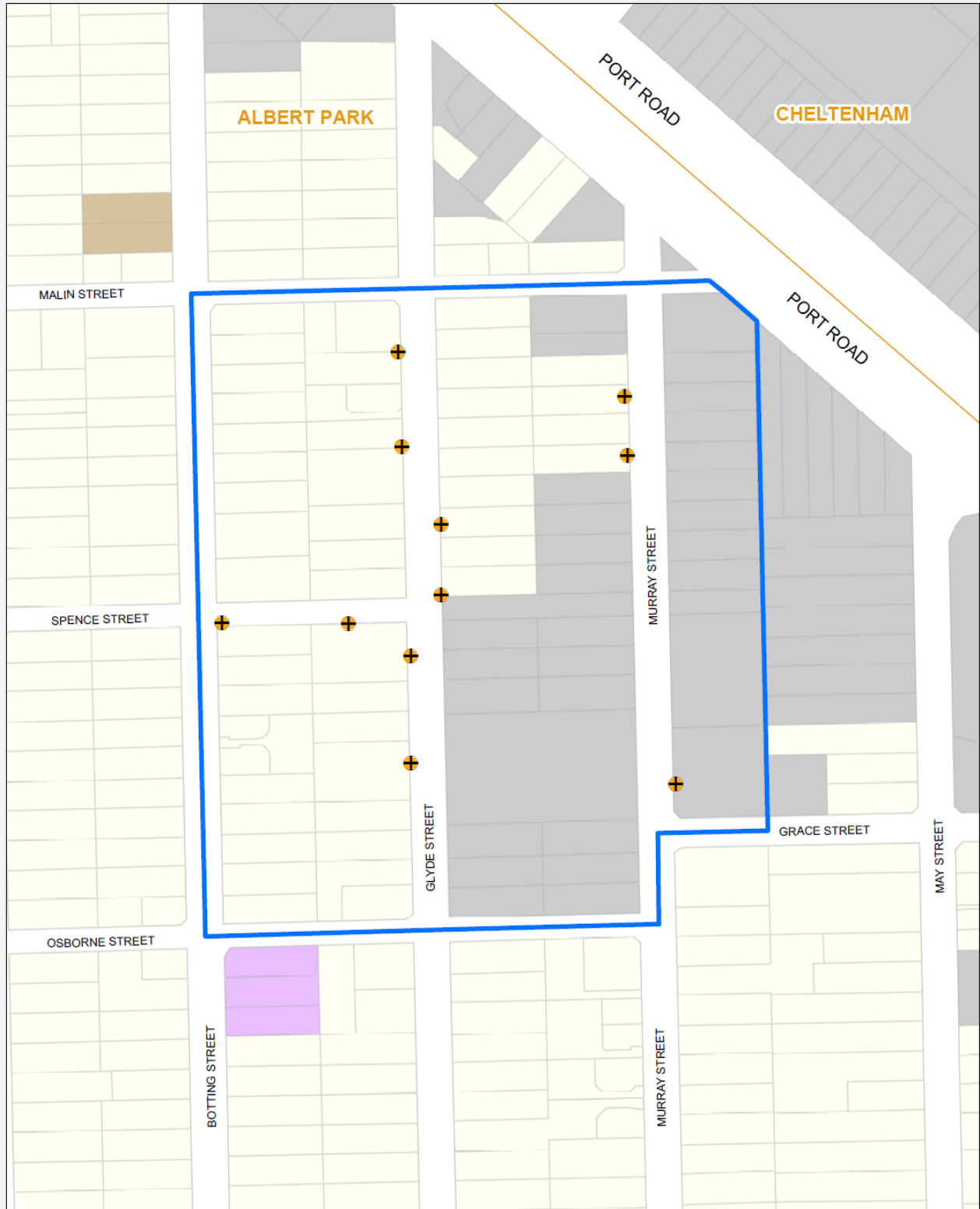
Home-grown vegetables are safe to eat, provided you are not watering them with bore water.

Basements

Soil vapour is more likely to enter a home when a room is close to groundwater, such as a basement.

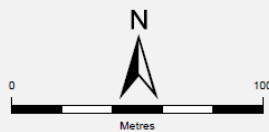
If your home has a basement, please contact the EPA.

Albert Park EPA Assessment Area



- EPA Assessment Area
- Residential
- Commercial/Industry/Vacant
- Education
- Public Institution
- Suburb

+ Proposed soil vapour testing bores



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Any questions? Ask us!

The EPA is available to answer your questions and discuss the assessments in further detail. We are happy to answer your emails and phone calls, visit you in your neighbourhood or welcome you to our office.

Please contact us to make an appointment

Ph: (08) 8124 4216 or email: engage.epa@sa.gov.au

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

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

Ако желите ово писмо на српском језику, молимо да назовете број 13 14 50.



Timeline



- March 2019** – drilling of 1–3 metre deep cylindrical holes (approx. 10 cm diameter) in road verges and footpaths for the installation of soil vapour monitoring probes
- Sampling the soil vapour using temporary probes
- Data provided to a laboratory for analysis
- Results provided to the EPA in the form of a report for examination
- July 2019** – the EPA will write again to residents to notify you of the outcome and any further work required

FURTHER INFORMATION

For further information please contact:

Site Contamination Branch
Environment Protection Authority
GPO Box 2607, Adelaide SA 5001
Telephone: (08) 8124 4216
Email: engage.epa@sa.gov.au
Website: www.epa.sa.gov.au

(Follow the link at the bottom to 'Site Contamination' then to 'Assessment Areas')

For health-related information please contact:

Scientific Services Branch
Public Health Services, SA Health
11 Hindmarsh Square, Adelaide SA 5000
Telephone: (08) 8226 7100
Email: public.health@health.sa.gov.au
Website: www.sahealth.sa.gov.au

